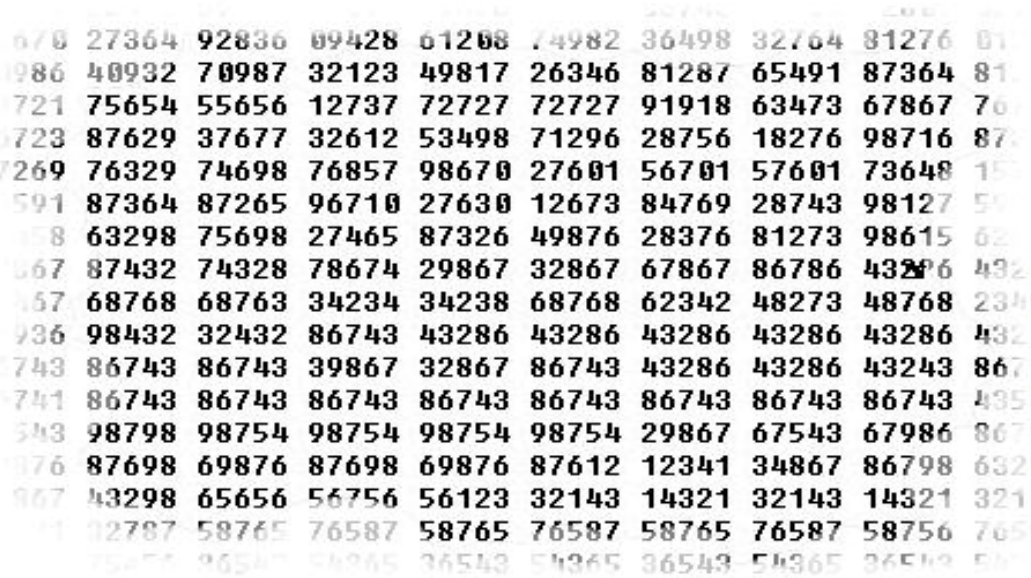


Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #174, March 2012

Editor: Ary Boender email: ary@luna.nl

Check for previous newsletters, info, sound samples and databases also:

NUMBERS & ODDITIES	**http://www.numbersoddities.nl**
SPY NUMBERS ONLINE DATABASE	**http://www.spynumbers.com/numbersDB**
UTILITY DXERS FORUM (UDXF)	**http://www.udxf.nl**
START PAGE	**http://home.luna.nl/~ary**

Recordings / printouts:

I have scanned several old decoder printouts and uploaded then to the N&O and UDXF websites. I have also browsed my logs and tapes of the 1980's and 1990's and have digitized a number of the recordings. Unfortunately a lot of the recordings do not include the complete messages. For some reason I did not think that is was necessary back then. Alas…. but most of them are still nice to hear again. The recordings can be found on the N&O website. Here is the list:

3D-1990-02-15-0055utc-4200khz.mp3
Commando Solo 2001-11-10-1500-1645utc-8700khz.mp3
E03-1994-09-21-1702utc.mp3
E05-1988-02-02-0000utc.mp3
E09-1995-03-13-1905utc.mp3
E10-ABC-2001-12-16-1518utc.mp3
E10-ART-1987-03-09-2130utc.mp3
E10-ART-1989-02-12-2130utc.mp3
E10-CIO-1983-03-18-1754utc.mp3
E10-CIO-1983-05-24-2145utc.mp3
E10-CIO-1991-02-25-1845utc.mp3
E10-CIO2-1983-05-24-2148utc.mp3
E10-EZI-1989-02-12-2100utc.mp3
E10-MIW-1989-02-12-2215utc.mp3
E10-PCD-1987-06-08-2233utc.mp3
E10-PCD-1989-02-12-2200utc.mp3
E10-SYN-1989-02-12-2232utc.mp3
E10-ULX-1987-04-17-2130utc.mp3
E10-VLB-1987-06-08-2250utc.mp3
E10-YHF-1989-02-12-2203utc.mp3
E11a-1988-06-06-2200utc.mp3
E14-1994-07-09-1330utc.mp3
E17-1994-09-28-0815utc.mp3
G02-1987-08-23-1300utc.mp3
G02-Feb-1982.mp3
G03-1983-03-06-1800utc.mp3
G03-1983-05-14-2000utc.mp3
G03-1987-03-08-2130utc.mp3
G05-1981.mp3
G08-1987-03-08-2100utc.mp3
G13-1992-05-17-1100utc-8970khz.mp3
G14-DFD21-1987-03-08-1800utc.mp3
G14-DFD21-1987-03-09-0000utc.mp3
G14-DFC37-1983-05-14-1905utc.mp3
G14-DFC37-new-id-1989-04-02-1830utc.mp3
G14-DFD21-Feb-1982.mp3
G14-DFD21-Jan-1982.mp3
G14-DFD21-new-id-1989-02-04-1800utc.mp3
G15-PN-1984-03-13-1900utc.mp3
G15-PN_1983-03-26-0100utc.mp3
G16-AL-1985-08-18-1037utc.mp3
G16-AL-1989-06-11-1009utc.mp3
G16-EL-1986-03-04-2135utc.mp3
G16-OA-1994-09-28-2200utc.mp3
G16-OK-1992-04-19-2000utc.mp3
G16-PG-1987-04-17-2200utc.mp3
G16-PL-1984-12-26-2300utc.mp3
G16-PZ-1987-06-08-2200utc.mp3
G16-RD-1994-09-28-2130utc.mp3
G16-YB-1987-03-16-2030utc.mp3
G20-Feb-1982.mp3
Kiev-Woodpecker-1983-04-08.mp3
M23-1989-02-12-2258utc.mp3
MX-A-1983-08-07-7433khz.mp3
MX-A-1988-02-06-1440utc.mp3
MX-C-Sept 1982-13610khz.mp3
MX-H-Sept-1982-26170khz.mp3
MX-P-1987-03-09-2145utc.mp3
MX-P-August-1982.mp3
MX-U-1987-03-19-2358utc.mp3
MX-U-July-1982-3580khz.mp3
MX-X-1987-03-22-1529utc.mp3
Russian-mil-1994-06-23-2038utc-4633khz.mp3
Russian-mil-1994-09-22-1743utc-4018khz.mp3
Russian-mil-1994-09-28-2230utc-6700khz.mp3
S02-1981.mp3
S02-1988-01-25-2345utc.mp3
S05a-1987-03-09-2300utc.mp3
S05a-1988-02-01-2330utc.mp3
S06-1989-01-15-2200utc.mp3
S08-YT-1989-02-13-2100utc.mp3
S10-1984-05-03-2315utc.mp3
S10-1987-03-08-1645utc.mp3
S10-1987-03-08-2330utc.mp3
S10-1987-03-09-2230utc.mp3
S10-June-1981.mp3
S10e-2001-04-08-1300utc.mp3
S11a-1998-07-01-2100utc.mp3
S17c-1994-09-23-1355utc.mp3
S28-1991-06-20-2059utc-4625khz.mp3
S28-old-marker-Jan-1982-AM.mp3
S28-old-marker-1989-01-15-2025utc-4625khz.mp3
V01-1982-12-26-0000utc.mp3
V02-1994-09-23-0800utc.mp3
X06&M42-to_DKR-1994-12-11-1150utc-16153khz.mp3
XM-1998-07-01-2138utc-5178khz.mp3
XM-1998-07-01-2956utc-6695khz.mp3
XP-1995-03-30-1510utc-10560khz.mp3
XPH-1995-03-30-1825utc-10166khz.mp3
XPH-1998-07-10-0619utc-11040khz.mp3
XPH-slow-version-1981.mp3

If anyone can identify the "3D" unid, please let me know. If you are interested in recordings of historic utility stations, check www.udxf.nl More oldies will be uploaded shortly.

Profiles:

M43: A couple of weeks ago I exchanged several mails with people who wanted to know what kind of stations the M43 links were. After I had retrieved the info for them I decided to upload it to the N&O website as a M43 profile. We'll tell you the story in 8 pages.

S28: Another profile was written by Tucana from priyom.org. He compiled S28's history. The file can also be found on the profiles page.

Books:

Besides checking my old recordings and printouts, I also browsed through all my hobby related books. I want to get rid of several intelligence books. If you are interested, please mail me at ary@luna.nl The books are in good to mint condition. Price per book EUR 3,00 + postage.
Note that the postal charges can be quite high; up to EUR 8,50 / USD 12,00 in Western Europe and EUR 17,50 / USD 23,00 worldwide. Prices in The Netherlands are between EUR 2,64 and EUR 8,50.

Between brackets: number of pages, cover, condition of the book.
All books are written in English except Villa Maarheze which is written in Dutch.

Author	Title
Jonathan Bloch & Patrick Fitzgerald	British Intelligence and Covert Action (284p, soft cover, 400gr)
Fred B. Wrixon	Codes Ciphers and other Cryptic & Clandestine Communications (704p, hard cover, 1800gr)
John Richard Thakrah	Dictionary of Terrorism (318p, soft cover, 700gr)
Vasikiy Mitrokhin	KGB Lexicon (451p, soft cover, 800gr)
Christopher Andrew & Oleg Gordievsky	KGB, the inside story (706p, hard cover, 1400gr)
Percy Cradock	Know your Enemy. How the British Joint Intelligence Committee saw the world (351p, hard cover, 850gr)
Nicky Hager	Secret Power. New Zealand's role in the international Spy Network (297p, soft cover, 750gr)
John O. Koehler	STASI, the untold story of the East German Secret Police (460p, hard cover, 900gr)
Frank Cain	The Australian Security Intelligence Organization (292p, soft cover, 550gr)
Douglas Porch	The French Secret Services (623p, hard cover, 1200gr)
Olav Riste	The Norwegian Intelligence Service (315p, soft cover, 600gr)
Bob de Graaf & Cees Wiebe	Villa Maarheeze (history of the Dutch Foreign Intelligence Agency) language: Dutch (535p, soft cover, 1200gr)
Kristie Macrakis	Seduced by Secrets -jnside the STASI's spy-tech world- (370p, hard cover, 800gr)

Espionage:

Pretty spy Anna Chapman has her own homepage now: http://www.annachapman.ru
Recently she was again mentioned in a new spy case. This time in The Netherlands. Dutch newspapers wrote that an employee of the Dutch MFA was arrested on March 30th in The Hague. He was employed by the Russians and worked with the German couple who were arrested in Germany on October 18th, 2011. One of their contacts was Anna Chapman, or Agent 90-60-90 as she is called in one of the newspapers.

Fiction:

The fanfiction writer now mingles Harry Potter stories with numbers stations.
http://www.fanfiction.net/s/6934547/19/Special_Union
http://www.fanfiction.net/s/7538895/11/The_Winds_of_Change

VOICE STATIONS

E06



E06 5186 kHz, 2030 UTC, 01/15/03 Transcript:

891 349 15
34216 34256 09086 23178 45908 67547 34118 67589 65710 56470
54368 33175 89403 12165 89231
349 15 00000

E06 5879/4923 kHz, 03/04/03 Transcript:

759 481 32
76624 71604 88172 19430 43115 50106 10823 82900 09126 11253
11004 50848 58202 73927 63860 77684 30829 57712 28119 36119
60944 59225 96522 13080 74274 37544 91671 32679 21921 75887
43216 85918
481 32 00000

E06 5879/4923 kHz, 10/11/03 Transcript:

759 642 31
75348 35793 11568 96712 71289 00953 20812 40914 86006 62138
59936 78584 64977 11934 92905 01797 84805 89591 72123 52214
87012 43707 20511 95213 67381 72706 02735 99803 94313 10366
21543
642 31 00000

E06 5879/4923 kHz, 17/18/03 Transcript:

759 218 34
41131 53441 32584 61231 18849 52514 42011 86779 79176 19720
19064 43071 45364 22261 29513 82764 74727 91800 32139 77080
84955 99773 74036 86077 74276 01939 32113 59896 96395 96849
24217 88144 76173 47947
218 34 00000

E06 5879/4923 kHz, 24/25/03 Transcript:

759 260 31
15743 76640 39493 04365 44610 67506 64718 51069 78968 19478
38879 46058 85408 55323 98459 86420 25390 37046 71347 19898
29595 99643 80132 03834 58729 98944 09262 71741 34651 69871
20758
260 31 00000

E06 5879/5866/4923 kHz, 31/03 01/04 Transcript:

759 486 31
37534 83947 48706 90372 85169 01937 77081 21163 67583 75763
52156 12111 29379 66009 39722 81494 83598 21169 73613 30405
70239 88958 06074 63294 02760 67590 57821 07068 07249 20409
85008
486 31 00000

E07



9068/7697 kHz, 07-03, 1820/1830 UTC:

906 906 906 1
165 86 165 86
61085 54412 73020 34437 60040 92132 31389 58618 97307 64278
87043 09344 78315 48318 43870 29294 90330 72403 07608 93162
18374 27695 14179 44381 94966 46375 98026 39054 99156 91443
77883 65447 54128 02032 64870 14815 39645 09106 57948 78498
93252 65353 68184 37093 71307 25884 82439 02584 95865 22574
36731 54238 95526 93319 56861 41401 49879 94595 47884 29350
07480 58020 16290 20324 29377 41944 52127 78781 65971 59113
31100 98288 83034 23967 88506 25165 84840 66906 33033 66654
37513 55134 88421 92636 83199 48907
000 000

5846 kHz, 22-03, 0550 UTC: 188 188 188 000

18659 kHz, 24-03, 0920 UTC,
24146/18571/15879 kHz, 24-03, 1200/1210/1220 UTC
Note that the group count is 37 while the actual number of groups is 27.
Copied by Linkz. E07 with a new female voice. Great catch, Linkz!
Recording available from the N&O website.

E07: 9923/9068/7697 kHz, 14-03, 1800/1820/1840 UTC:

906 1 251 94
61937 00176 60957 86887 77537 94113 35853 04595 50695 30608
80866 33900 54742 97273 97893 24502 59979 30474 76254 94862
45112 15764 98477 96889 04874 03900 05638 92979 73993 60570
94491 19316 99783 25891 26146 65612 41926 58990 55854 98408
79048 52067 60086 67582 08635 42106 77496 11829 87894 83284
56632 44127 28544 46932 91083 84313 44346 36711 87037 09874
67725 80034 05450 96865 20502 63318 24875 45679 29625 64530
29263 33758 52985 68837 87171 91242 13644 99943 94491 71178
81815 75611 92833 39480 56193 68406 43157 91777 28786 89765
22593 68142 13880 21853
000 000

E07a: 5864/5164/4564 kHz, 07-03:

815 1 36565 416 49
44021 45000 27277 34239 95206 76431 26524 54616 67764 58954
06831 66181 40408 15469 32747 43439 35719 79718 25329 17374
22922 00972 93905 18040 88899 64757 74598 10475 02414 08326
58740 84814 86484 10040 39178 72338 08416 21554 30994 58389
69764 29132 16765 71742 11612 95482 72991 95910 27480
000 000

198 198 198 1
4378 37 4378 37
34858 50977 84540 43918 08138 38415 88883 89758 51333 49584
39140 85185 48434 05914 83941 88380 58205 38489 04374 10375
38343 49838 13887 33453 10908 33850 18404
000 000

E07a: 5146/5846/6846 kHz, 08-03t:

188 1 36565 416 49
44021 45000 27277 34239 95206 76431 26524 54616 67764 58954
06831 66181 40408 15469 32747 43439 35719 79718 25329 17374
22922 00972 93905 18040 88899 64757 74598 10475 02414 08326
58740 84814 86484 10040 39178 72338 08416 21554 30994 58389
69764 29132 16765 71742 11612 95482 72991 95910 27480
000 000

E11/E11a



13375 kHz, 06-03, 1400 UTC:

985/10 Attention
77323 48984 08540 04476 11508 22199 43714 56854 65736 34985
Out

13375 kHz, 10-03, 1400 UTC:

982/10 Attention
44543 92093 45865 99154 23415 64746 39224 15012 94610 47420
Out

13375 kHz, 13-03, 1400 UTC:

987/10 Attention
30535 95860 31639 81376 50358 02577 35683 23103 58410 94488
Out

13375 kHz, 17-03, 1400 UTC:

982/10 Attention
60313 40643 74855 32666 82221 59436 04791 08452 32634 20870
Out

13375 kHz, 20-03, 1400 UTC:

987/10 Attention
57642 95882 67029 27691 78507 13945 19547 40883 10188 21621
Out

13375 kHz, 27-03, 1400 UTC:

988/10 Attention
52268 22861 63339 38080 56409 38931 59864 07498 82488 24268
Out

13375 kHz, 31-03, 1400 UTC:

980/10 Attention
96172 81377 96916 06977 21161 25951 32748 82714 22136 12767
Out

9399 kHz, 07-03, 0900 UTC: 534/00
7449 kHz, 07-03, 1045 UTC: 460/36
9399 kHz, 21-03, 0900 UTC: 534/00
10800 kHz, 22-03, 0645 UTC: 517/00
6814 kHz, 22-03, 0820 UTC: 432/38
10690 kHz, 22-03, 0830 UTC: 649/00
15915 kHz, 22-03, 1155 UTC: 718/00
6304 kHz, 26-03, 0450 UTC: 415/30
7449 kHz, 27-03, 1045 UTC: 469/00
13375 kHz, 27-03, 1400 UTC: 988/10
10690 kHz, 29-03, 0830 UTC: 649/00
10221 kHz, 30-03, 0710 UTC: 633/00
6859 kHz, 30-03, 2000 UTC: 576/00

10221 kHz, 20-03, 0710 UTC:
10221 kHz, 23-03, 0710 UTC:

631/36
Attention
64908 48976 11784 80605 85688 08395 70453 03721 73348 83231
12627 71433 12941 76336 72952 12035 06384 75067 96662 37609
94356 57188 57386 55134 28633 29188 45290 81062 94179 59059
27109 60917 28914 13022 02962 01699
Attention -repeat message- Out

6304 kHz, 26-03, 0450 UTC:
9371 kHz, 29-03, 1730 UTC:

415/30 Attention
26173 10847 88238 41888 58746 76182 51156 19817 41736 76381
72338 45284 75019 65377 65440 23456 96893 94183 10994 69045
24853 50273 81141 60342 63625 93294 72820 95479 75064 90804
Out

15915 kHz, 25-03, 1540 UTC:

227/35 Attention
62842 84486 99426 28243 11988 50680 00087 39809 45544 58521
49918 09141 52767 20348 20526 61571 68646 51853 73539 83845
06992 63824 88103 21401 22249 14052 76334 74121 46476 25966
89030 22709 23846 29315 37495
Out

E17z



14260 kHz, 01-03, 0800 UTC: 674 902 5 89236 67583 09523 78923 99237 902 5 00000
12930 kHz, 01-03, 0810 UTC: 674 902 5 89236 67583 09523 78923 99237 902 5 00000
14260 kHz, 08-03, 0800 UTC: 674 902 5 89236 67583 09523 78923 99237 902 5 00000
12930 kHz, 08-03, 0810 UTC: 674 902 5 89236 67583 09523 78923 99237 902 5 00000
14260 kHz, 15-03, 0800 UTC: 674 830 5 20163 29067 57604 45562 63207 830 5 00000
12930 kHz, 15-03, 0810 UTC: 674 830 5 20163 29067 57604 45562 63207 830 5 00000
14260 kHz, 22-03, 0756 UTC: Zero Lima (5x), 0757 UTC: Zero Lima (3x). Both were live)
14260 kHz, 22-03, 0800 UTC: 674 830 5 20163 29067 57604 45562 63207 830 5 00000
12930 kHz, 22-03, 0810 UTC: 674 830 5 20163 29067 57604 45562 63207 830 5 00000

E25



9450 kHz, 02-03, 1312 UTC:	**YL. 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 20 788 4 6 8 9 11 13 14 15 19 21 22 785 78 78 78 78 message message message. Transmitter opens with a dead carrier. Start tone. Message. Paper shuffling. Windows shut down sound.**
6140 kHz, 03-03, 1027 UTC:	**YL. 62 672 672 672 672 672 672 672 672 672 672 672 672 672 672 message message message 5525 3025 0666 2843 9712 6539 8383 9137 rebeat rebeat rebeat 5525 3025 0666 2843 9712 6539 8383 9137 EOM**
6140 kHz, 03-03, 1029 UTC:	**672 5525 3025 0666 2843 9712 6539 8383 9137. 1033 UTC: brief tones, YL, EOM only**
6140 kHz, 04-03, 1027 UTC:	**675 93. 1031 UTC: tone, YL, break, Msg x3, Rpt x3, EOM EOT**
9450 kHz, 04-03, 1217 UTC:	**830 3. 1222 UTC: IO, YL, EOM EOT, WinXP shutdown sound**
9450 kHz, 06-03, 1212 UTC:	**music ... 835 ... MSG ... RBT... EOM EOT**
6140 kHz, 08-03, 1112 UTC:	**tone... 887 ... unworkable**
9450 kHz, 08-03, 1309 UTC:	**tone... 785 1123 ...**
9450 kHz, 09-03, 1311 UTC:	**YL. 785 24 788 4 6 8 9 13 14 15 19 21 22 25 785 24 788 4 6 8 9 13 14 15 19 21 22 25 785 24 788 4 6 8 9 13 14 15 19 21 22 25...**
9450 kHz, 13-03, 1229 UTC:	**song...YL 555 7... carrier off**
9450 kHz, 13-03, 1313 UTC:	**YL. 785 25 26 27 788 4 13 14 15 (repeated) 78 78 78 78 78 Msg Rebeat EOM**
9450 kHz, 15-03, 1314 UTC:	**YL. 788... EOM**
9450 kHz, 18-03, 1312 UTC:	**785 788 2 2 8**
9450 kHz, 20-03, 1214 UTC:	**Song. YL. ... 8 ... carrier off**
9450 kHz, 20-03, 1344 UTC:	**Song. YL. ... 2 ... carrier off**
9450 kHz, 21-03, 1345 UTC:	**Song. YL. ... MSG ... RBT ... EOM**
9450 kHz, 26-03, 1213 UTC:	**Song. YL. ...835...MSG...RBT...EOM**
6140 kHz, 27-03, 0824 UTC:	**Muazzine with prayer, repeated over and over**
6140 kHz, 27-03, 0840 UTC:	**YL "zero" interjected between prayers**
6140 kHz, 27-03, 0849 UTC:	**Switch to music "Ahwak"**
6140 kHz, 27-03, 0854 UTC:	**Music "Ahwak"**
6140 kHz, 27-03, 0859 UTC:	**Music "Ahwak"**
6140 kHz, 27-03, 0905 UTC:	**Music "Ahwak"**
6140 kHz, 27-03, 0907 UTC:	**Song stopped followed by noises, False start of "Ahwak", then some sort of digital cuckoo noise**
6140 kHz, 27-03, 0934 UTC:	**Transmitter opens. Music "Ahwak"**
6140 kHz, 27-03, 0940 UTC:	**Music "Ahwak"**
6140 kHz, 27-03, 0951 UTC:	**Piano music**
6140 kHz, 27-03, 1047 UTC:	**Transmitter opens, immediatly followed by music "Ahwak" by Abdel Halem Hafez**

6140 kHz, 27-03, 1053 UTC:	Repeat of 1047 UTC
9450 kHz, 27-03, 1211 UTC:	Song "Enta Omri" YL. 8 35 835 835 835 835 835 835 835 835 835 message message message 8022 2720 4825 8281 4088 0627 6455 5365 3276 4948 8069 7496 8647 2498 7306 7925 2921 9406 0876 8104 2720 7075 rebeat rebeat rebeat 8022 2720 4825 8281 4088 0627 6455 5365 3276 4948 8069 7496 8647 2498 7306 7925 2921 9406 0876 8104 2720 7075 End of message
6140 kHz, 29-03, 0800 UTC:	OM. 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 message message message 1063 1021 0660 7425 0702 7402 4388 4458 0894 2686 1273 0660 rebeat rebeat rebeat 1063 10 (cut-off)
6140 kHz, 29-03, 0810 UTC:	OM. 250 250 250 250 250 250 250 message message message 1063 1021 0660 7425 0702 7402 4388 4458 0894 2686 1273 0660 rebeat rebeat rebeat 1063 1021 066
6140 kHz, 29-03, 0829 UTC:	Music “Ahwak”
6140 kHz, 31-03, 0729 UTC:	Music

G06



4526 kHz, 01-03, 1221 UTC:	123456789 1123456789 1123456789 11234
4526 kHz, 01-03, 1300 UTC:	215 215 215 00000
6774 kHz, 26-03, 0746 + 0748 UTC:	test counts
6774 kHz, 26-03, 0800 UTC:	215 215 215 00000
5442 kHz, 09 + 23-03, 1930 UTC:	947 494 15 45364 78697 56438 23143 89078 65647 12130 54538 32341 27865 98756 34254 43564 45361 14890 494 15 00000

G11



6433 kHz, 16-03, 2000 UTC:
6433 kHz, 18-03, 2000 UTC:

263/35 Achtung
92619 33365 15290 20760 26417 15993 52426 92485 74989 26292
70163 72652 09680 15287 25834 85528 92677 08411 40024 97417
72058 53199 11370 53719 03268 78604 77858 74703 31944 79944
78043 47839 23397 30812 10442
Ende

S06 / S06s



6340 kHz, 02-03, 0600 UTC:	**934 826 5 20158 25662 74073 50954 92455 826 5 00000**
6930 kHz, 06-03, 0715 UTC:	**374 250 6 14520 45639 56206 38946 22977 34567 250 6 00000**
7605 kHz, 07-03, 0820 UTC:	**471 923 5 46301 68335 12550 23951 74446 923 5 00000**
9255 kHz, 07-03, 0830 UTC:	**471 923 5 46301 68335 12550 23951 74446 923 5 00000**
7335 kHz, 07-03, 0830 UTC:	**745 201 6 13965 44610 11532 64046 25994 41645 201 6 00000**
11830 kHz, 07-03, 0840 UTC:	**745 201 6 13965 44610 11532 64046 25994 41645 201 6 00000**
10285 kHz, 07-03, 0750 UTC:	**153 153 153 00000**
13365 kHz, 07-03, 1000 UTC:	**729 408 5 83745 61818 04844 04608 18665 408 5 00000**
14505 kHz, 07-03, 1010 UTC:	**729 408 5 83745 61818 04844 04608 18665 408 5 00000**
8105 kHz, 14-03, 1240 UTC:	**967 824 5 48815 48011 57274 66150 06434 824 5 00000**
13515 kHz, 15-03, 0910 UTC:	**167 249 5 99228 66544 04816 56556 51269 249 5 00000**
13515 kHz, 16-03, 0940 UTC:	**516 402 7 68102 01595 29274 27265 91657 78923 58205 402 7 00000**
7335 kHz, 21-03, 0830 UTC:	**745 281 6 98654 67870 24351 67856 89076 09080 281 6 00000**
11830 kHz, 21-03, 0840 UTC:	**745 281 6 98654 67870 24351 67856 89076 09080 281 6 00000**
9255 kHz, 21-03, 0830 UTC:	**471 925 6 78364 56239 01998 23435 74490 12098 925 6 00000**
7605 kHz, 21-03, 0820 UTC:	**471 925 6 78364 56239 01998 23435 74490 12098 925 6 00000**
10285 kHz, 21-03, 0800 UTC:	**153 00000**
11405 kHz, 21-03, 0810 UTC:	**153 00000**
13365 kHz, 21-03, 1000 UTC:	**729 834 5 14536 68654 66329 86767 23895 834 5 00000**
14505 kHz, 21-03, 1010 UTC:	**729 834 5 14536 68654 66329 86767 23895 834 5 00000**
7795 kHz, 23-03, 0700 UTC:	**196 473 5 77653 89912 56735 25189 41060 473 5 00000**
8695 kHz, 23-03, 0710 UTC:	**196 473 5 77653 89912 56735 25189 41060 473 5 00000**
12140 kHz, 23-03, 0919 UTC:	**“516”, 0925 UTC: “516”, 0928 UTC: “VVV VVV K” in morse**
12140 kHz, 23-03, 0930 UTC:	**516 402 7 68102 01595 29274 27265 91657 78923 58205 502 7 00000**
13515 kHz, 23-03, 0940 UTC:	**516 402 7 68102 01595 29274 27265 91657 78923 58205 502 7 00000**
5784 kHz, 26-03, 1900 UTC:	**349 349 349 00000**
7340 kHz, 27-03, 1010 UTC:	**893 506 7 10293 68745 75231 08935 45321 79876 35012 506 7 00000**
6464 kHz, 27-03, 1500 UTC:	**537 210 6 67453 78697 90756 45323 56552 12110 210 6 00000**
7242 kHz, 27-03, 1510 UTC:	**537 210 6 67453 78697 90756 45323 56552 12110 210 6 00000**
12952 kHz, 29-03, 0900 UTC:	**167 167 167 00000**
13565 kHz, 29-03, 0910 UTC:	**167 167 167 00000**
5127 kHz, 29-03, 1905 UTC:	**349 349 349 00000**
7795 kHz, 30-03, 0700 UTC:	**196 196 196 00000**
8695 kHz, 30-03, 0710 UTC:	**196 196 196 00000**
12140 kHz, 30-03, 0930 UTC:	**516 516 516 00000**
13515 kHz, 30-03, 0940 UTC:	**516 516 516 00000**

19415 kHz, 29-03, 0830 UTC:	**842 605 39** **90343 05532 14638 61640 07365 31272 60840 41951 14329 36488** **21086 59840 91254 30609 34130 87161 62873 86316 13516 52289** **49330 21807 02618 34085 29868 32989 54398 39525 24203 20068** **53057 80199 21244 49937 19760 70713 09881 28832 69643** **605 39 00000**

S11a



Question: “Could you mention the pronunciation of the S11a numbers in N&O, please?“
Sure, here you go:

0 nul	**1 adinka**	**2 dvoyka**	**3 troyka**	**4 chetyorka**
5 petyorka	**6 shest**	**7 syem**	**8 vosyem**	**9 dyevyet**

“Cherta” means “Oblique /”

9960 kHz, 02-03, 1020 UTC:	**426/00**
5815 kHz, 07-03, 1020 UTC:	**221/00**
7317 kHz, 23-03, 0913 UTC:	**Started with a carrier and "VVV" in morse. Probably the M03 tape.**
7317 kHz, 23-03, 0915 UTC:	**484/00**
7317 kHz, 30-03, 0915 UTC:	**484/00**
7317 kHz, 09-03, 0915 UTC:	**482/36 Vnimanie** **32937 08805 28932 62461 14775 93364 60506 83588 97013 77950** **59708 93349 02005 69081 53347 30708 20479 90503 51663 84841** **51532 87252 92627 39028 17968 62559 74650 68251 61995 65636** **53666 21358 64834 50268 68174 23246** **Vnimanie -repeat msg- Konec**
9960 kHz, 27-03, 1020 UTC: **9960 kHz, 30-03, 1020 UTC:**	**426/31 Vnimanie** **21570 76843 31630 88986 49698 55383 52701 23438 39677 25570** **89123 19555 50322 55790 03852 48170 28479 04183 49256 77310** **52421 41239 69312 11392 24522 61952 81461 90123 26079 16170** **00180** **Vnimanie -repeat msg- Konec**

S21



4454//4854 kHz, 01-03, 1842 UTC
4454//4854 kHz, 15-03, 1842 UTC
4454//4854 kHz, 20-03, 1842 UTC
4454//4854 kHz, 29-03, 1842 UTC

454 642 34
75064 83781 53509 50211 66231 18524 83558 67044 95236 97909
56029 29863 62830 67459 65631 27289 88635 65101 96284 47055
77385 33611 03894 19979 83848 96059 22529 01964 36194 04081
01831 00597 33230 15856
642 34 000

S28
The Buzzer





Logs and transcripts by Ary, Avare and Jan.

04-03	**1340**	**MDZhB 79 939 Agatu 78 87 78 40**
08-03	**1228**	**MDZhB 05 374 OVCHETINA 43 78 09 20**
08-03	**1229**	**MDZhB 42 361 DVUKRAN 01 84 22 02**
11-03	**1431**	**MDZhB 93 343 AVTOKOD 03 09 36 91**
		Repeats MDZhB 93 343 AVTOKOD 03 09 300...36 91 MDZhB AVTOKOD
11-03	**1509**	**MDZhB 87 301 YeVTINIYA 75 85 56**
11-03	**1518**	**MDZhB 38 466 DVOROVYĬ 24 45 94 38**
12-03	**1430**	**MDZhB 02 097 AVTONOMIST 07 53 90 30 AVTONOMNYĬ**
13-03	**0543**	**MDZhB 85 944 SOUCHASTIE 30 50 33 35**
13-03	**0555**	**MDZhB 21 398 KOFEL 16 66 05 66**
13-03	**0559**	**MDZhB 88 684 TECHNYIJ 25 50 74 63**
13-03	**0604**	**MDZhB 30 245 BOCHZARA 14 23 58 28**
13-03	**0607**	**MDZhB 10 098 BOTVET 83 37 12 71**
13-03	**0611**	**MDZhB 59 976 TOLPISHCHA 64 85 28 86**
13-03	**0621**	**MDZhB 77 013 VOYUYUSHCHIIJ 27 86 87 50**
13-03	**0623**	**MDZhB 37 673 ROTSENIT 36 18 17 03**
13-03	**0633**	**MDZhB OEUN 47 105 24 605 VOLEMITOL 94 88 57 75**
13-03	**0640**	**MDZhB OYEUN 02 806 19 836 59 557 VORON'E 49 96 76 71**
13-03	**0658**	**MDZhB 48 727 FOSFAZID 82 67 43 82 91**
13-03	**0711**	**MDZhB 88 743 37 673 ROSKOELIT 77 77 28 23**
13-03	**0733**	**OYEUN 32 077 21 676 MOROZHENITSA 88 39 70 63**
13-03	**0738**	**MDZhB 56 028 VOSFALKA 51 22 20 08**
13-03	**0749**	**'B2M KHN87 42 356 07 468 PODKOS 68 20 72 59**
13-03	**0756**	**MDZhB 34 839 ROSTERIT 28 61 22 36**
13-03	**0803**	**2BYP 42 356 14 033 SOKOLETS 12 39 08 63**
13-03	**0817**	**MDZhB 13 985 NOZHOVOCHNYIJ 24 93 20 93**
15-03	**0650**	**MDZhB 06 123 SVITKA 65 06 50 58**
15-03	**0722**	**MDZhB 19 347 Kvinokain 80 22 73 22**
15-03	**1030**	**MDZhB 87 762 TVIN 60 42 84 54 buzzer, then repeats MDZhB 87 762 TVIN 60 42 84 54**
19-03	**1110**	**The buzzer has a breakdown (recording on our website)**
22-03	**0834**	**MDZhB 89 751 SVEKLOVITsA 18 11 28 ??**
22-03	**0838**	**MDZhB 55 741 KVARTsIT 56 88 48 32**
22-03	**0840**	**MDZhB 11 895 KVARTIRNIK 94 73 77 81**
22-03	**0857**	**MDZhB 09 410 AVANTIURIST 88 51 82 22**
22-03	**0927**	**MDZhB 04 585 AVANSOVYJ 30 29 20 09**
22-03	**0933**	**MDZhB 05 550 EVANGELIST 28 21 06 48**
22-03	**0940**	**Conversation. See note 1 below.** **Allo, kto?** ***Hello, who is this?*** **Nu ya obzor chast' za ... saĭt na etot kanal?** ***Well I ... part of the review ... site about this channel?*** **Mmm.Naschet Satany?** ***Mmm, what about Satan?*** **Pitera idët kakoĭ-to.** ***From St. Petersburg is coming COK.*** **Voobshche-to ... skazali chto kanal na OTT....** ***Well, they said that the channel is on OTT...***
22-03	**0947**	**MDZhB 40 048 KVADRATOR 24 77 40 31**
22-03	**0949**	**MDZhB 65 977 ABShTRIKh 34 11 62 95**
23-03	**2338**	**MDZhB 96 256 OBTURATOR 56 61 62 96**
27-03	**0949**	**MDZhB 46 640 OBTOPAN 46 12 98 44**
27-03	**0957**	**MDZhB 06 138 SBROShYeNNYJ 48 67 29 57**

Notes:

1. **Общие Технические Требования (OTT) / Obshchie Tekhnicheskie Trebovaniya (OTT) / "General Technical Requirements (GTR)" as set out in Order № 47 from 273.1999, of the Ministerstvo Rossiïskoï Federatsii po svyazi i informatizatsii (Ministry of Communications and Information of the Russian Federation)**

2. **Russian military sources say the callsign MDZhB belongs to "701 Vulcanov Porosenko". Who or what this is is still unknown to me.**

There was a lot of traffic in the morning of the 13th. Within 2.5 hours the buzzer sent no less than 18 messages. A number of them were also transmitted on 10192 kHz by one of the Morse stations:

13 March: xxx OEUN OEUN 32077 21776 morovenica 8839 7063 k
xxx MDZhB MDZhB 56028 wosfalka 5122 2008 k
xxx MDZhB MDZhB 34839 rosterit 2861 2236 k
xxx MDZhB 13985 novowoönyj 24932093 0830z
xxx MDZhB MDZhB 70290 mxdernist 3751 9798 k
xxx OEUN OEUN 33773 37979 bodenx 3751 9898 k
18 March: xxx MDZhB 8352 kwiwet 1264 4484 k
22 March: xxx MDZhB 04585 AWANSOWYj 3029 2009 k
xxx MDZhB 65977 ABChTRIH 3411 6295 k

S30 – The Pip



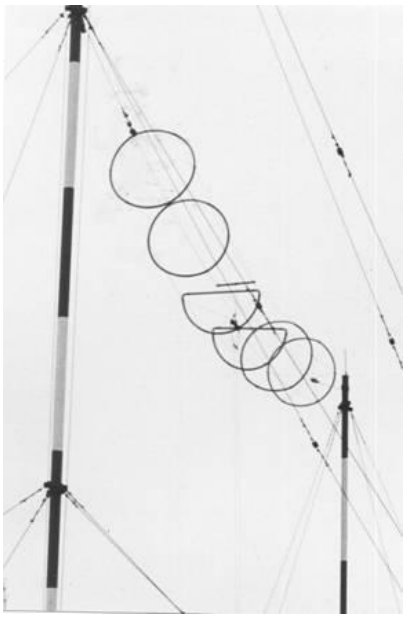
Frequencies: 3756 kHz (night), 5448 kHz (day)
Modes: CW (Pip), USB (messages)

The military communication center that transmits the Pip (S30) has changed its name. Info via Avare.

Old name:
72 Узел Связи / 72 Uzel Svyazi / 72nd communication center of the Северо-Кавка́зский вое́нный о́круг / Severo - Kavkazskiï voennyï okrug / North Caucasus Military District.

New name:
Узел Связи Военного округа / Uzel Svyazi Voennogo okruga / communication center of the Military District.

Call sign: Akkatciya (Akacia)
Transmitter: ПКМ-5 (PKM-5)
Antennas: Диполь ВГДШ (Dipole VGDShch)



Picture: http://www.radiojamming.puslapiai.lt/photo.htm

Avare copied a new type of messages on "the Pip". On 23 March the first weather report was noted, possibly related to an exercise. Listen to the recordings. They are available from the N&O website. Thanks to Jan and Avare for the transcripts.

09-03	**1833**	**Dlya LI27 INNC* ShchMJP 8CShchJ TZLM FY5Ye F61N 37CN MUDR 7VNShch Kak slyshno? Priyom**
11-03	**1508**	**8S1SHCH 89 859 RENTNYĬ 38 18 55 80 Priyom**
13-03	**0557**	**8S1SHCH 15 761 MAGNALIIJ 62 12 43 04 Priyom**
23-03	**1552**	**8S1SHCH Oblachno 7-10 ballov dymka mestami osadki po severu gololed vidimost' 6-10 osadki 2-3 km veter severo-zapadnyĭ 5-10 m/s temperatura okolo 0S po yugu +3 +6 S** ***8ShCh Cloudy 7-10 points, haze, occasional precipitation, in the north icy, visibility 6-10 [km], precipitation 2-3 km, north-western wind, temperature around 0 degrees, in the south +3 - +6 degrees. Over!***
24-03	**0615**	**8S1SHCH s 12:00 24 marta do 15:00 25 marta ozhidaet·sya lavinoopasnaya obstanovka v gorakh: Sochi, Karachaevo-Cherkesiya, Kabardino-Balgarii, Severnoĭ Osetii, Dagestana. Priyom.** ***8S1Shch March 24 from 12:00 to 15:00 March 25, avalanche conditions are expected in the mountain areas Sochi, Karachaevo-Cherkessia, Kabardino-Balgar, North Ossetia, Dagestan. Over!***
24-03	**1328**	**Weather report for 8S1SHCH**
29-03	**1221**	**(Missed the start) YeRDMYANIN 66 08 60 59 priyom**

S32 – Squeaky Wheel



Frequencies: 3838 kHz (night), 5473 kHz (day)
Mode: USB

11-03	**1508**	**Al'fa45 85 876 NABORNYĬ 72 68 48 29 priyom**
13-03	**0606**	**Al'fa45 23 978 KLIVAZH 48 80 36 64 Priyom**
17-03	**1855**	**Dlya Storozh-62 Yavka-94 Ryabina-38 Ruzh'yo-26 Nevka-26 Rota-64 kak slyshno? Priyom Note: Pip (S30) is audible in the background**
29-03	**1215**	**Al'fa45 16 573 KADOMEL' 81 30 71 98 Vremya 16:15 priyom**

S5292



Frequency: 5292 kHz. Mode: USB

05-03	**1200**	**Finara-55 Ya Arbat-50 36 564 Bugristyj 36 54 92 63 Ya Arbat-50 Priyom**

S5426



Frequency: 5426 kHz. Mode: USB

13-03	**0632**	**Finara-55 Ya Arbat-50 30 001 PLACHEVNYIJ 26 35 59 37 Finara-55 Ya Arbat-50 PLAChYeVNYJ Priyom**
24-03	**0602**	**Finara-55 Ya Arbat-50 ASKYeTIZM Ya Arbat-50 Priyom**

S6930



Frequency: 6930 kHz. Mode: USB

This month again a lot of logs from Priyom.org reporter ScanSweden. I made a selection of the transcripts to include here. They include a number of different callsigns. The complete list of logs can be found in the Logs Section. Thanks to Jan Machalski and Trojan for the transcripts.

Glossary:
Kak slyshite, priyom = How do you copy, over.
Vas ponyal = Roger that.
Prinimayu i razbirayu Vas khorosho. Konets svyazi, priyom = I receive and copy you well. Over and out
Slyshu tebya khorosho = I hear you well.
Prinyal! = Received (that)
Ya = here is
Priyom = over

28-02	**0927**	**Kvadrat-41 calling Treugolnik-43, Oval-42**
28-02	**1118**	**Treugol'nik-43, ya Kvadrat-41, kak slyshitye, priyom! (x2)** **Krug-45, ya Kvadrat-41, kak slyshitye, priyom! (x2) Vas ponyal.** **Romb-44, ya Kvadrat-41, kak slyshitye, priyom.** **Konus-48, ya Kvadrat-41, kak slyshitye, priyom.** **Konus-48, ya Tryeugol'nik-43, prinimayu i razbirayu Vas horosho. Konec svyazi, priyom.** **Konus-48, ya Kvadrat-41, kak slyshitye, priyom.** **Konus-48, ya Kvadrat-41, razbirayu vas horosho. Konec svyazi, priyom.** **Parallyel'-47, ya Kvadrat-41, kak slyshitye, priyom. (x3)** **Tryeugol'nik-43, ya Kvadrat-41, kak slyshitye, priyom. [inaudible]** **Tryeugol'nik-43, ya Kvadrat-41, slyshu tebya horosho, konyec svyazi, priyom! Romb-44, ya Kvadrat-41, kak slyshitye, priyom! (x2)**
28-02	**1304**	**Kvadrat-41 calling Treugolnik-43, Konus-48, Oval-42, Krug-45, Rop-44**
29-02	**2253**	**Konus-48, ya Kvadrat-41, kak slyshitye, priyom! (x2)** **Oval-42, ya Kvadrat-41, kak slyshitye, priyom! (x2)** **Konus-48, ya Kvadrat-41, kak slyshitye, priyom!** **Oval-42, ya Kvadrat-41, kak slyshitye, priyom! ...Priyom...** **Tryeugol'nik-43, ya Kvadrat-41, kak slyshitye, priyom. (x2)** **Krug-45, ya Kvadrat-41, kak slyshitye, priyom! (x2)** **Romb-44, ya Kvadrat-41, kak slyshitye, priyom. (x2) [inaudible]** **Prinyal! Krug-45, ya Kvadrat-41, kak slyshitye, priyom!**
28-02	**1559**	**Katok-65 80607 Khronomyutr 73 19 61 75 priyom**
02-03	**1547**	**Roza-15 97615 Farfor 72 24 93 39 Priyom**
04-03	**1623**	**Katok-65 55455 Yg 75 57 45 53 priyom**
05-03	**0758**	**Treugolnik-43 10735 Evnukh 1149 0983 Priyom**
05-03	**0807**	**Tora-80 26 614 NOSOROG 75 14 23 Priyom**
05-03	**0815**	**Baska-31 66 774 GOROD 95 58 33 74 Priyom**
05-03	**1420**	**Oval-42 69 841 ZANAVES 77 94 73 76 Priyom**
06-03	**0558**	**Katok-65 38 519 KOREN' 37 32 65 18 Priyom**
06-03	**0751**	**Tora-80 52 429 OSTRIE 28 02 66 67 Priyom**
06-03	**0809**	**Lazer-21 52 429 Ostrije 28 02 66 67 Priyom**
06-03	**1258**	**Lazer-21 19 129 Vertel 93 70 81 18 Priyom**
06-03	**1241**	**Katok-65 19 129 Vertel 93 70 81 18 Priyom**
12-03	**1636**	**Konus-48 17241 Skoba 86 30 61 66 priyom**
12-03	**1646**	**Treugol'nik 52117 Kolokol 30 17 02 7 priyom**

14-03	**0727**	**Katok-65 16492 Muruzun 25 78 72 098 priyom**
14-03	**1210**	**Katok-65 93434 Anomaliya 29 16 37 35 priyom**
15-03	**0824**	**Katok-65 71738 Vudro 49 85 59 77 priyom**
17-03	**1537**	**Oval-42 29416 Karta 59 65 96 51 priyom**

Other S28 sister stations



5330 kHz, 07-03, 0530 UTC: **Avare sent me a nice log of yet another Russian military voice net transmitting on 5330 kHz. Note that Bizon-64 was also heard in a message sent by S32.**

Bizon-64 Bizon-64 09 05 212 = 443 Shchulchp lal'g nridk zchshdk'kuvs zt'zha vpyuy lkhlyp syukhar zhgshchlb mbyuas mgevu ktsrsyu kzhkav priyom

Bizon-55 Radiogramma 212 Prinyata

5740 kHz, 20-03, 0555 UTC: **Russian mil. Operator calling something that sounds like "dabros-nasjiem ayonwatsiem priyom"**

5750 kHz, 18-03, 0611 UTC: **Russian mil. Female operator calling two stations. Sounds like "Warosia" and "Moira"**

V07



4538 kHz, 27-03, 0710 UTC: SS/YL.
6804 kHz, 27-03, 0730 UTC: SS/YL.

705 705 705 1
7699 30 7699 30
39617 77371 11781 85728 17459 47573 16776 11883 11737 18320
35564 41355 72748 73420 99550 27158 67788 88022 15751 24827
47059 87629 41509 23330 09772 65620 33044 00816 72119 56281
000 000

V13 – New Star Broadcasting Station

星星廣播電台 Xīngxīng guǎngbò diàntái



New Star #3: 0700, 0800 UTC: 7688 kHz
New Star #4: 0500, 0600, 1200, 1300 UTC: 7580 kHz

V21 – Cuban Babbler



Heard by westt1us:
6529 kHz, 29-02, 1300 UTC: Very weak OM singing numbers
6529 kHz, 01-03, 1300 UTC: Very weak
5637 kHz, 02-03, 1300 UTC: Very weak OM singing numbers

EV01



10700	**04-03**	**1436**	**YL/EE. "Message for GR40 N217? 12567..10729 eom eom" then "Message for GR32 N174 PSCAB..CFSJZ eom eom" then using original OM/EE voice "GR35 NO125 message KLPAS .. LOPSS" (active for ~45 min)**
13400	**09-03**	**0324**	**Unreadable female voice. English**
10700	**10-03**	**1450**	**Starting before 1450 UTC. Several different messages have been sent, with multiple repeats of each. So far it has been all the YL voice. Still going on at 1605 UTC**
10700	**11-03**	**1520**	**YL voice. Both letters messages and numbers messages. Test tone, adjustments were made, and audio got much better.**
10700	**14-03**	**1526**	**In progress. Male voice followed by female voice. "Message to Golf Romeo 18 November 918". Still going on at 1611 UTC**
10700	**24-03**	**1515**	**Multiple messages. Started prior to 1515 UTC. YL voice, sending msgs of both letters and numbers. Finished mid message 1532 UTC.**
10700	**25-03**	**1430**	**AM. YL, 5 figure groups of numbers, unknown number of groups, finished at 1432:04 with "end of message, end of message".**
10700	**25-03**	**1500**	**Single message, sent once. "Message for Golf Romeo 29, November 125", into 5 figure number groups, same old message.**
10700	**25-03**	**1530**	**Single message. Same as 1430 and 1500 UTC**

VC01 – Chinese Robot



Chinese Air Defense network

Modes: USB and LSB .

The station changes its frequencies frequently.
Frequencies: 3036, 3749, 3837, 4075, 4410, 4422, 4427, 4480, 4530, 5195, 5232, 5288, 5303, 5328, 5393, 5700, 5802, 5832, 6209, 6479, 6771, 6840, 6855, 6860, 6949, 6960, 7090, 7608, 7684, 7726, 7744, 7756, 7770, 7792, 7864, 7865, 7880, 7890, 7924, 8000, 8025, 9000, 9169, 9192, 9290, 9340, 10508 kHz.

5802 kHz, 05-03, 1119, 1345 UTC
5802 kHz, 06-03, 1208 UTC
5802 kHz, 07-03, 1321 UTC
5802 kHz, 09-03, 1304 UTC
5802 kHz, 14-03, 1304 UTC
5802 kHz, 16-03, 1310 UTC

5802 kHz, 17-03, 1214 UTC
5802 kHz, 18-03, 1655 UTC
5802 kHz, 26-03, 1159, 2154 UTC
5802 kHz, 29-03, 1211, 1428 UTC
5393 kHz, 29-03, 1428 UTC
5393 kHz, 30-03, 1612 UTC
5393 kHz, 31-03, 1159 UTC not //5802 kHz
5802 kHz, 31-03, 1159 UTC not //5393 kHz

MORSE STATIONS

MX - Russian Military beacons



Reported beacons and channel markers.

European Cluster Beacons: D, P, S, C, A
Asian Cluster Beacons: F, K, M

M01



5017 kHz, 27-03, 2000 UTC:

463 236 30 =
36264 53866 07699 69912 23537 43294 34286 58885 18880 94584
04358 28986 25973 06827 40910 02374 78579 19457 29074 03560
62212 79874 90964 25465 58193 14465 95095 23495 59823 68000
= 236 30 000

6261 kHz, 31-03, 1500 UTC:

463 780 30 =
32321 88249 17597 47125 66243 73987 37630 11120 09090 34567
13638 21176 76454 68313 54941 48504 65274 87402 16504 56694
07075 67049 39513 32154 06648 76583 63072 94887 31022 76760
= 780 30 000

M03



9150 kHz, 07-03, 1115 UTC: 650/00 = = 000
9150 kHz, 15-03, 1115 UTC: 650/00 = = 000
9150 kHz, 22-03, 1118 UTC: Msg in progress followed by op-chat

M08a
Dirección General de Inteligencia



Lots of logs. See the Logs Section.

M12



Capitanex supplied us with a number of M12 logs. Thanks for that.

12160 kHz, 12-03, 1600 UTC:	**546 1 000 000**
11566 kHz, 12-03, 1620 UTC:	**546 1 000 000**
6904 kHz, 12-03, 1845 UTC:	**... 41827 000 000**
9176 kHz, 12-03, 1900 UTC:	**257 257 257 1 6689 84 78525 08702 46536 ... 24967 000 000**
7931 kHz, 12-03, 1920 UTC:	**257 1 6689 84 78525 08702 46536 ... 24967 000 000**
6904 kHz, 12-03, 1947 UTC:	**257 1 6689 84 78525 08702 46536 ... 24967 000 000**
10597 kHz, 14-03, 1855 UTC:	**... 74674 000 000**
9326 kHz, 14-03, 1910 UTC:	**938 1 5491 54 43190 49876 28548 ... 74674 000 000**
14769 kHz, 18-03, 0010 UTC:	**721 1 181 95 31914 30400 70253 ... 89503 000 000**
16269 kHz, 18-03, 0010 UTC:	**721 1 181 95 31914 30400 70253 ... 89503 000 000**
18169 kHz, 18-03, 0010 UTC:	**721 1 181 95 31914 30400 70253 ... 89503 000 000**
12162 kHz, 19-03, 1600 UTC:	**546 1 9741 86 91158 21492 73365 ... 59786 000 000**
11566 kHz, 19-03, 1620 UTC:	**546 1 9741 86 91158 21492 73365 ... 59786 000 000**
10711 kHz, 19-03, 1640 UTC:	**546 1 9741 86 91158 21492 73365 ... 59786 000 000**
7931 kHz, 19-03, 1820 UTC:	**257 1 8617 54 45284 70698 45603 ... 58378 000 000**
6904 kHz, 19-03, 1840 UTC:	**257 1 8617 54 45284 70698 45603 ... 58378 000 000**
9176 kHz, 19-03, 1900 UTC:	**257 1 9251 74 33552 72751 24641 ... 81825 000 000**
7931 kHz, 19-03, 1920 UTC:	**257 1 9251 74 33552 72751 24641 ... 81825 000**
6904 kHz, 19-03, 1940 UTC:	**257 1 9251 74 33552 72751 24641 ... 81825 000 000**
19974 kHz, 26-03, 0910 UTC:	**196 196 1 7656 45 7656 45 into 5FGs. Ends 000 000**

M14



M14 5945kHz 1820z 27/03 Transcript:

346 567 15 =
65745 54632 43567 65789 47546 43234 43523 43567 78690 66876
98763 54632 43255 54478 54679
= 567 15 00000

M18



4073 kHz, 17-03, 1941 UTC: 0243 0243 0243
4073 kHz, 23-03, 2005 UTC: 0009 0009 0009 ...
4073 kHz, 27-03, 2200 UTC: 1715 1715 1715 1716 1716 1716
4073 kHz, 27-03, 2136 UTC: 1551
4073 kHz, 30-03, 2047 UTC: 0045 0045 0046 etc.

It is a weird station. The time zone is most of the time UTC+4 but also times up to UTC+18hrs have been noted. Its time is also often off. This month between 2 and 17 minutes.

M21 ***Soviet Air Defence Forces*** ***Voyska Protivo Vozdushnoy Oborony*** ***Войска ПВО Voyska PVO***



Id “0”: 3314, 4191.5, 4391, 5752, 5873 kHz
Id “8”: 5752, 5873 kHz
Id “9”: 7994 kHz

=17500808715602	**=10167808613202170 52**	**=20167701040835**
=992103??8?????	**=992105??8?????**	**=10582808711606**
=47500750022?00	**=10582807716904**	**=20582701010845**
=002104??8?????	**=992106??8?????**	**=992107??8?????**
=10582808613102	**=10166808716404**	**=9920152??0?????**

M22 – 4XZ - Israeli Navy

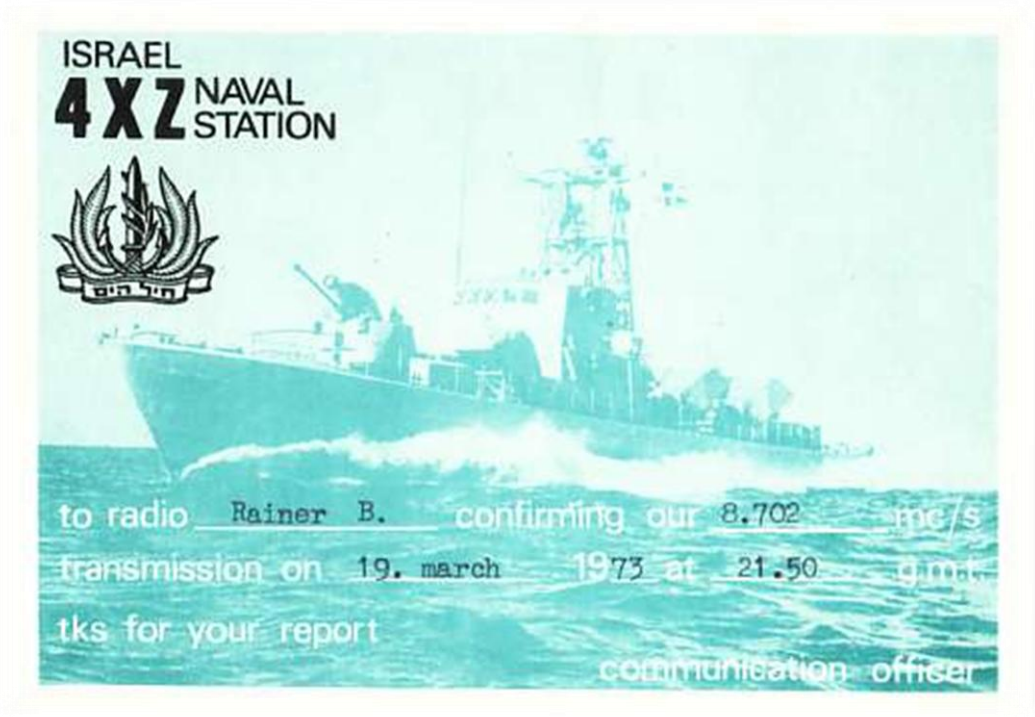


Active frequencies:

2680, 2833, 2860, 4331, 4539, 4595, 6379, 6525, 6607 kHz

VVV DE 4XZ = = ar ar nw qtc 1 nr 544 = =

= = NR 263 CI V DJ2R 926181 MM6U GR 61 = = MUMUM BAHHN CSPDK KTTNN SKBH ORDHW OOWIQESROSD RSCXL RRYEB NBECM ADHRB IFCCO RXPEN TSEQJ BAHHN = = AR AR VVV DE 4XZ 4XZ = =



I stumbled over a QSL card of the station received by Rainer Branollte back in 1973.

www.utilityradio.com

M23

3659 kHz, 02-03, 1909 UTC: 747 (in progress)
3659 kHz, 03-03, 1858 UTC: 747 (R12)
3659 kHz, 04-03, 1900 UTC: 747 (in progress)
3659 kHz, 05-03, 1758 UTC: 747 (R12)
3659 kHz, 05-03, 1858 UTC: 747 (R12)
3659 kHz, 12-03, 1758 UTC: 747 (R12)
3659 kHz, 12-03, 1858 UTC: 747 (R12)
3659 kHz, 13-03, 1801 UTC: 747 (in progress)
3659 kHz, 13-03, 1901 UTC: 747 (in progress)
3659 kHz, 14-03, 1800 UTC: 747 (in progress)
3659 kHz, 14-03, 1858 UTC: 747 (R12)
3659 kHz, 15-03, 1901 UTC: 747 (in progress)
3659 kHz, 18-03, 1857 UTC: 747 (R12)
3659 kHz, 20-03, 1809 UTC: 747 (R12)
3659 kHz, 21-03, 1809 UTC: 747 (R12)
3659 kHz, 23-03, 1905 UTC: in progress 747 747
3659 kHz, 25-03, 1757 UTC: 747 (R12)

M32
Russian/CIS/Ukrainian
Military SSB & CW Stations




I received interesting information about callsign "WEGI". We now see this callsign mainly in flash messages. Originally it was the used in messages to pass the coordinates of the presidential plane. The messages were on perforated tapes, fed into the KTSOS system and then transmitted to WEGI.

KTSOS is a system for technical message processing, technical standard AUVYU.46651401 TU.
In Russian: "Комплекс технических средств обработки сообщений (КТСОС). Технические условия АУВЮ.46651401 ТУ"

There was a major communications training on the 13rd. In 2.5 hours the buzzer sent no less than 18 messages. A number of them were also transmitted on 10192 kHz by one of the Morse stations:

xxx OEUN OEUN 32077 21776 morovenica 8839 7063 k
xxx MDZhB MDZhB 56028 wosfalka 5122 2008 k
xxx MDZhB MDZhB 34839 rosterit 2861 2236 k
xxx MDZhB 13985 novowoönyj 24932093 0830z
xxx MDZhB MDZhB 70290 mxdernist 3751 9798 k
xxx OEUN OEUN 33773 37979 bodenx 3751 9898 k

Lateron there was a callup on 10192 kHz by net control station "NIVW": mpm7 de nivw, then
calling t9gq, xh7m, slna, fiko, hn8o, qowj, 5fbj, d4ir

More flash messages:
6771 kHz, 14-03, 1309 UTC: xxx wegi wegi 11928 plastiönyj 9455 0574
6771 kHz, 14-03, 1317 UTC: xxx wegi 78633 glubota 1567 9454
6771 kHz, 14-03, 1335 UTC: xxx wegi 63779 glossarij 5177 0559
6771 kHz, 14-03, 1343 UTC: xxx wegi 43291 klinika 4081 4223
10192 kHz, 18-03, 1336 UTC: xxx MDZhB 8352 kwiwet 1264 4484 k
10192 kHz, 22-03, 0928 UTC: xxx MDZhB 04585 AWANSOWYj 3029 2009 k
10192 kHz, 22-03, 0950 UTC: xxx MDZhB 65977 ABChTRIH 3411 6295 k
6351.5 kHz, 28-03, 1144 UTC: xxx vn6b vn6b 97427 ulowoönyj 2471 7407 k
6351.5 kHz, 28-03, 1205 UTC: xxx vn6b vn6b 13289 prislannyj 1261 6654 k

M32a
Russian Navy
<u>Voyenno-Morskoy Flot Rossii</u>




Last month someone asked for info about the Russian base in Tartus and their whereabouts in that part of the Mediterranean. Here is some info:

http://wikimapia.org/20161375/Russian-naval-base-Tartus

http://english.pravda.ru/hotspots/terror/30-11-2011/119791-Russia_sent_military_ships_to_Syria-0/

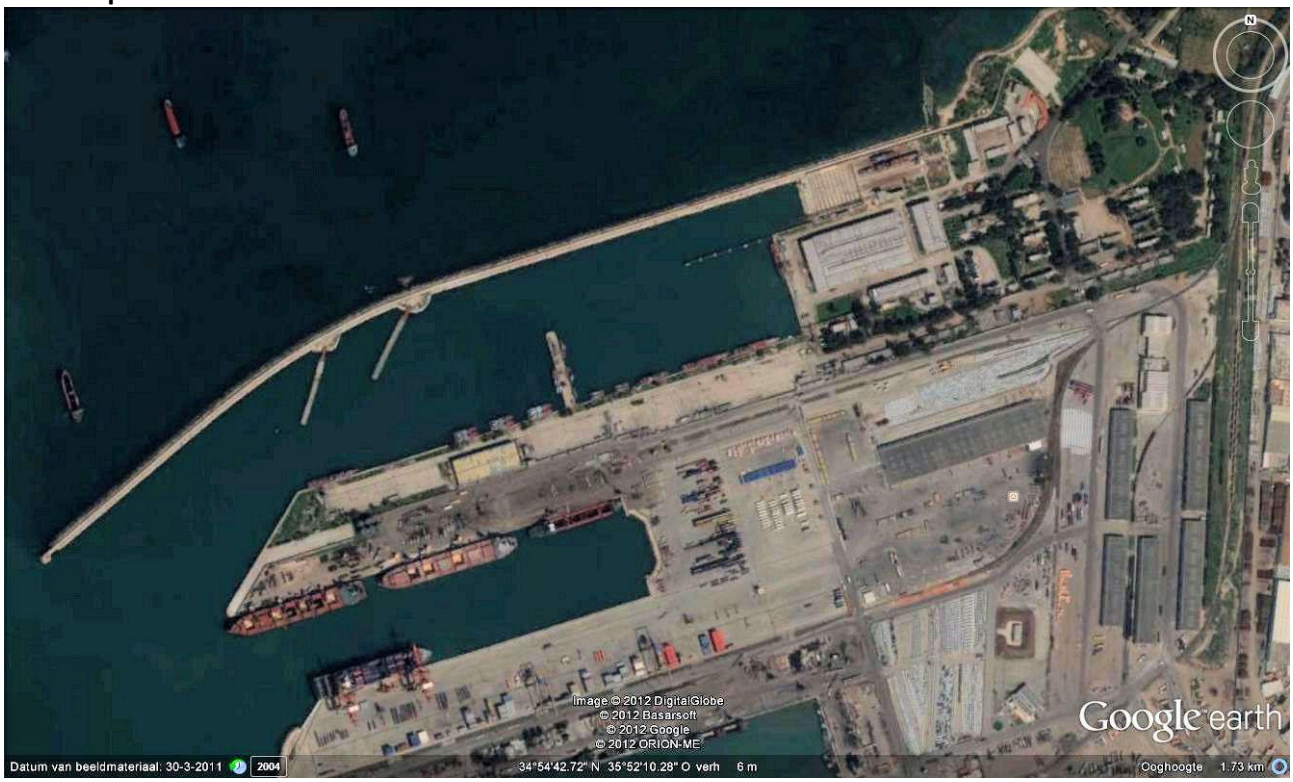
http://pik.tv/en/news/story/27641-russian-military-ships-enter-syrian-port-of-tartus

http://www.dailystar.com.lb/News/Middle-East/2012/Jan-08/159124-russian-naval-flotilla-docks-in-syria-state-media.ashx#axzz1oSoEQChS

http://pik.tv/en/news/story/24276-three-russian-military-ships-enter-syrian-waters

http://www.nowtheendbegins.com/blog/?p=7206

Below a picture of the Tartus base.



8345 kHz:

07-03, 1806 UTC: **Russian Navy vessel RMGB clg RCV. "RCV DE RMGB QSA ? QTC K. RMGB 323 17 7 2200 323 BT SML FOR RJH45 RJE73 BT 07181 99349 10358 41798 41103 10130 40215 54000 70200 82012 22200 00170 20000 07013 BT AR RMGB K"**

20-03, 1805 UTC: **Russian navy vessel RMGB traffic to RCV "RMGB 113 17 20 2200 113 = SML FOR RJH45 RJE73 = 20181 99349 10358 41998 00702 10170 50220 54002 70200 80000 22200 00180 20000 20013 =", "RMGB K OK QRU K"**

21-03, 1805 UTC: **RMGB: Russian navy tanker IMAN tfc to RCV "RMGB 323 17 21 1000 323 = SML FOR RJH45 RJE73 = 21061 99349 10358 41998 21013 = + RMGB K"**

MOSCOW. March 19 (Interfax-AVN) - The Russian Black Sea Fleet's Iman tanker with an anti-terrorist squad aboard is on a mission off Syria, and the Russian Equator reconnaissance ship is operating in the Mediterranean Sea, the Black Sea Fleet Staff told Interfax-AVN.
(via http://convenientflags.blogspot.com)



Which could mean that RMGB is the Russian's Black Sea Fleet tanker mv IMAN. However, other observers doubt the validity of the Russian statements about the Iman, especially after the appearance of the Russian surveillance ship Ekvator at the scene of activity in the Mediterranean Sea.

Thanks for the tip Wolfgang!!

5514 kHz:

17-03, 2030 UTC:	**CIS Mil: "4ZYE de IIZY K RPT K"; "IIZY = YBXShU K IIZY = QCUFSh K"**
18-03, 1500 UTC:	**CIS Mil. Comes on to night frequency at 1500 UTC after tune-up. ..6I de IIZY K. QSA4 QSA? K. R K. Comms check with net of 5 stations ..6I, 4ZYE, D9Z6, JFMA and OQDW. QSX not found.**
18-03, 1611 UTC:	**CIS Mil. IIZY sends message to collective X8CK: X8CK (x3) QTC + 022 28 18 1600 022 = 414 = DDDDD UKUUC WAUKE ... YFRWI ÄIPWT 414 RPT AL QLN K. IIZY = 022 28 18 1600 022 K. EWPUC K. ... 4ZYE de IIZY (+D9Z6 & OQDW) R 022? K. Nothing further. This message seems to have been delayed by around 4 hours.**
18-03, 1611 UTC:	**CIS Mil. IIZY sends another 28-group message to collective X8CK: X8CK 157 28 18 1630 157 = 414 = DDDDD YWQchG QYWOL ... (ends) 414 RPT AL QLN K. Departmental address and signatures are the same. QSLs again only requested from 4ZYE, D9Z6 & OQDW, so that X8CK addresses only these three and not the entire net.**

5472 kHz, 21-03, 0005 UTC: RMGB: Russian navy tanker IMAN tfc to RCV "RMGB 719 17 21 0400 719 = SML FOR RJH45 RJE73 = 21001 99349 10358 41998…. 21013 = + RMGB K"

8788 kHz, 21-03, 0931 UTC: RIW: Russian Navy Moscow. YL-OP calling RCRE (voice) after op-chat on 12464 kHz in CW

M32b
Russian Naval Aviation
Aviatsiya Voenno-morskogo Flota Rossii





8816 kHz, 01-03, 0658 UTC:	**52555: Russian Naval Air Transport. Tfc to rjf94 rcb 52555 qto 0634 qrd xllv xuwb qre 0940 qah 5800 qbd 4300 k - 0819z 52555 qay eett 0817 qal xllv 0910 qah 5800 qbd 2900 k -52555 qto 1038 qrd xumo xllv qre 1225 qah 5800 qbd 4300 k – 52555 qql uuwr 1133 qal xumo 1220 qah 5800 qbd 3600 k – 52555 qto 1330 qrd xllv xumo qre 1600 qah 5500 qbd 4300 k – 52555 qql uuwr 1433 qal xllv 1548 qah 5500 qbd 3500 k**
8816 kHz, 02-03, 0804 UTC:	**08260: Russian Naval Air Transport. rjf94 rcb de 08260 qqm xlwf 0802 k (RJF94: rpt all but no further tfc, not confirmed by RJF94 RCB) - 08260 qth 6310 3549 qtr 1033 qbg 6_00 qre xlmv 1200 k**
8816 kHz, 06-03, 1402 UTC:	**52555: Russian Naval Air Transport. Tfc to rjf94 rcb 52555 qay eett 1358 qah 5500 qbd 3600 k - 52555 qay evrr 1455 qal xmwb 1530 qah 5500 qbd 2800 k. ("52555" is probably one of the three An-26 aircraft, which are based on Chkalovsk air force base near Kaliningrad)**

M32c
Russian Air Force
<u>Voyenno-vozdushnye Sily Rossii</u>




11408 kHz, 05-03, 1109 UTC:	**XXX XXX REA4 REA4 69362 Plewritnyj 4591 7592**
12736 kHz, 05-03, 1109 UTC:	**XXX XXX REA4 REA4 69362 Plewritnyj 4591 7592**
11408 kHz, 05-03, 1329 UTC:	**in progress. Last group: PTPIE (05083) followed by REVS**
12736 kHz, 05-03, 1329 UTC:	**in progress. Last group: PTPIE (05083) followed by REVS**
6685 kHz, 12-03, 1808 UTC:	**Klarnetist: Russian air-force Tver in contact with Korsar,later calling Davlenie but no contact.**
6685 kHz, 12-03, 1806 UTC:	**Russian air-force Pskov in contact with Klarnetist**
6685 kHz, 18-03, 1721 UTC:	**RFF8085 calls Korsar, no joy, flight to or from Sudan; qrg busy with Jeddah LDOC traffic to Saudia flight in English and Arabic.**

M32d
Ukrainian Air Force
<u>Povitryani Syly Ukrayiny</u>




Alex reports an Ukraine air force net on 8974 kHz. Mode: USB. Language: Russian
Callsigns of the ground stations - DOZOR, VOSHOD, PEREMENA.

<u>M45</u>



4955 kHz, 13-03, 1804 UTC:

555 555 555 642 642 34 34 = =
75064 83781 53509 50211 66231 18524 83558 67044 95236 97909
56029 29863 62830 67459 65631 27289 88635 65101 96284 47055
77385 33611 03894 19979 83848 96059 22529 01964 36194 04081
02831 00597 33230 85856 = =
642 642 34 34 000

4955 kHz, 20-03, 1802 UTC:

555 555 555 (R4) 642 642 34 34 = =
75064 83781 53509 50211 66231 18524 83558 67044 95236 97909
56029 29863 62830 67459 65631 27289 88635 65101 96284 47055
77385 33611 03894 19979 83848 96059 22529 01964 36194 04081
02831 00597 33230 85856 = =
642 642 34 34 000

4555 kHz, 27-03, 1819 UTC: In traffic. Ends with 000

M51 / FAV22
8ème Régiment de Transmission





4440.4 kHz, 22-02, 2013 UTC
4458.1 kHz, 22-02, 0817 UTC
5453.1 kHz, 22-02, 0823 UTC: BT NR 10 F 22 09:30:41
6949 kHz, 06-03, 1833 UTC: BT nr 08 m 06 19:33:19 1984 bt
6853 kHz, 07-03, 1622 UTC: BT NR O7 M 07 17:22:21 1984 BT FTCDY EHYRN CIMEM
6919 kHz, 07-03, 1631 UTC: 5LG // 6853 kHz
6853 kHz, 07-03, 1631 UTC: 5LG // 6919 kHz
6949 kHz, 16-03, 0852 UTC: 5LG
7844 kHz, 18-03, 1050 UTC: nr 07 m 15 11:52:13 1984 = 100 x 5LG message
8016 kHz, 18-03, 1050 UTC: nr 07 m 15 11:52:13 1984 = 100 x 5LG message
7392.5 kHz, 18-03, 1050 UTC: nr 07 m 15 11:52:13 1984 = 100 x 5LG message
7966 kHz, 18-03, 1430 UTC: 100 x 5LG messages
9213 kHz, 18-03, 1430 UTC: 100 x 5LG messages
7392.5 kHz, 18-03, 1430 UTC: 100 x 5LG messages
4440.5 kHz, 21-03, 2224 UTC: BT NR 90 M 21 23:25:07 1984 BT MUGJM HKOJD ...
4458 kHz, 25-03, 2012 UTC: message nr 70
4440.5 kHz, 26-03, 2130 UTC: BT NR 50 M 26 23:29:57 1984 BT YLBNM RPPIF LCWHS ...

M76



The M76 logs were provided by JPL.

3280 kHz, 13-02, 1758 UTC: **In progress 99954 93219 99519 35199 94893 11999 46938 19994 49319 99943 93819 99429**

3280 kHz, 14-03, 1750 UTC:
7E3O DE M4F1 QTC 169 22 =
26310 15124 90080 30064 41786 02209 27615 13293 85649 04560
23621 72431 49917 16043 63603
R R R R R
20777 05075 14915 50391 6913X NNNN =
16032 =
44344 79525 05940 33690 20926 61901 93319 99383 55153 98535 59019 30355 15494
01999 .3.5.. 990.8 53551 54940 19993 33559 98. 199.3 31539 85355 18750 59398 65063
13.94 18650 63161
0.418 5437X =
15.36 640545 79515 05940 33694 20926 6.901 93719 99353 55154 93119 9935 35590
1.7.9 99353 55154 93735 59019 34.55 15494 73559 .1934 35515 49311 99935 35518
75059 37960 86506 31399 39865 06336 99453 36942 16106 41854 37XXX =
00021 =
13045 79501 99947 19994 21999 40.99 93819 99341 99954 93219 99519 35199 94893
11999 46938 19994 49319 99943 93819 99429 38XXX

3280 kHz, 20-03, 1750 UTC:	K2BJ DE AQ3Y QTC 184 29 = (Note: The letter A in callsign AQ3Y was a barred A) 26310 15184 90080 30264 11785 99209 25632 52553 60385 25664 92556 50362 17264 41716 50363 609XX RRRRR 202XXX WWWWW 64655 17475 42746 553XX 77050 75279 15505 91601 5XXXX NNNNN = 183 7 = 40545 79555 05950 33694 20928 15448 437XX = 00021 = 13045 79501 99947 19994 21999 40199 93819 99341 99954 93219 99519 35199 94893 11999 46938 19994 49319 9943 93819 99429 38XXX (Repeats message - 1755z) AR

M89

Chinese military



Strings heard this month:

VVV Q2M Q2M Q2M DE NYZ NYZ QSA? k
V 7NPE 7NPE 7NPE DE QV5B QV5B
V DKG6 DKG6 DKG6 DE 3A7D 3A7D
V GKVZ GKVZ GKVZ DE Q7NW Q7NW
V RXP7 RXP7 RXP7 DE CZT2 CZT2
V H2FL H2FL H2FL DE DRV8 DRV8
V WITN WITN WITN DE GNXG GNXG

Messages:

8789 kHz, 08-03, 2327 UTC:	V WITN WITN WITN DE GNXG GNXG VV HR SVC GA NR 49 0730 RMKS 2374 TO 8954 BT COMM/0815/LZ462A/2379/8954 AR AGN (Rpts msg) AR QSL ? HR WK NR 16 V WITN WITN WITN DE GNXG GNXG
8789 kHz, 20-03, 0315 UTC:	Probably GNXG in traffic/chat
	GA (0315z) FM GA HI (0317z) QSL 1115 ? ? R R NR 4819/EX 1117 RMKS ...6 RMKS 18779270 01078 92. BT
(Briefly checked 10799 kHz which is normally the // for this freq - GNXG is sending channel marker as per normal)	B/D BT B5/B AR AR QSL ? BT BT B5/B BT BT B5/B AR

M97
Vietnamese numbers



Frequency: 10375 kHz
Mode: Morse

10375 kHz, 06-03, 1459 UTC:	**SD 68**
10375 kHz, 19-03, 1453 UTC:	**transmitter problems - appears that dits and dahs are reversed! unable to copy**
10375 kHz, 25-03, 1453 UTC:	**SD 69**
10375 kHz, 27-03, 1452 UTC:	**SD 69 SN 70**
10375 kHz, 31-03, 0729 UTC:	**SD 69 SN 70**

VARIOUS MODES

M42 & X06



Modes:
Various digital modes + CW

Russian Government & Intelligence



7602	**01-03**	**2000**	**Russian Intel. No msg for "576". Mode: Baudot 200/500 (ACF=15)**
5757	**01-03**	**2010**	**Russian Intel. No msg for "576". Mode: Baudot 200/500 (ACF=15)**
4478	**01-03**	**2020**	**Russian Intel. No msg for "576". Mode: Baudot 200/500 (ACF=15)**
12215	**02-03**	**1007**	**Mazielka. Sequence: 361245**
7441	**03-02**	**0512**	**Russian Gov. PR6O wkg 7ZGR with op-chat and radio checks. QSY 15883 kHz. Mode: CW**
10861	**06-03**	**1025**	**Russian Gov/Intel. Baudot 200/50**
13526	**06-03**	**1200**	**Russian Intel. Mode: FSK 200/1000**
11428	**06-03**	**1210**	**Russian Intel. Mode: FSK 200/1000**
8026	**06-03**	**1220**	**Russian Intel. Mode: FSK 200/1000**
11143	**10-03**	**1122**	**Russian Intel. Mode: FSK 200/1000**
8067	**10-03**	**1924**	**Russian Diplo. Mode: CROWD-36**
15653	**17-03**	**1200**	**Russian Gov/Intel. Mode: Baudot 200/500**
7862	**17-03**	**1755**	**Russian Intel. Mode: FSK 200/1000**
6779	**17-03**	**2000**	**Russian Gov/Intel. Mode: Baudot 200/500**
5732	**18-03**	**0536**	**Russian Gov/Intel. Callup: CNOX DE FGDE QSY 51833 into RTTY sending 5F msg with =50= =100= group separator. Mode: CW + Baudot 1,5 stb/50/500E**
13562	**18-03**	**0910**	**Russian Intel. Mode: FSK 200/1000**
11163	**18-03**	**0920**	**Russian Intel. Mode: FSK 200/1000**

10431	**18-03**	**0930**	**Russian Intel. Mode: FSK 200/1000**
13481	**18-03**	**1110**	**Russian Intel. Mode: FSK 200/1000**
11143	**18-03**	**1120**	**Russian Intel. Mode: FSK 200/1000**
15653	**18-03**	**1200**	**Russian Gov/Intel. Mode: Baudot 200/500**
11536	**19-03**	**1735**	**Russian Intel. Mode: FSK 200/1000**
9241	**19-03**	**1745**	**Russian Intel. Mode: FSK 200/1000**
4447	**20-03**	**2221**	**Russian Gov (tent). "UAL UAL UAL. QSY 3312. QSA3". Correspondent with call UFC on 3312 "QSA4 QTC1 K". UFC into FSK/50/500. No decode. "UAL-BK 3669" then QSY 3876 and 2837 kHz, when they lose contact completely. Mode: CW**
3876	**20-03**	**2223**	**Russian Gov (tent). Comes from 4447 kHz**
2847	**20-03**	**2223**	**Russian Gov (tent). Comes from 3876 kHz**
14700	**21-03**	**1138**	**Mazielka. Sequence: 144423**
7862	**19-03**	**1755**	**Russian Intel. Mode: FSK 200/1000**
11484	**21-03**	**1536**	**Russian Intel. Mode: FSK 200/1000**
9948	**21-03**	**1547**	**Russian Intel. Mode: FSK 200/1000**
12186	**21-03**	**1600**	**Russian Intel. Mode: FSK 200/1000**
10506	**21-03**	**1610**	**Russian Intel. Mode: FSK 200/1000**
8117	**21-03**	**1620**	**Russian Intel. Mode: FSK 200/1000**
11536	**21-03**	**1735**	**Russian Intel. Mode: FSK 200/1000**
9241	**21-03**	**1745**	**Russian Intel. Mode: FSK 200/1000**
7862	**21-03**	**1755**	**Russian Intel. Mode: FSK 200/1000**
14360	**21-03**	**1800**	**Russian Intel. Mode: FSK 200/1000**
12225	**21-03**	**1810**	**Russian Intel. Mode: FSK 200/1000**
10332	**21-03**	**1820**	**Russian Intel. Mode: FSK 200/1000**
11161	**21-03**	**1835**	**Russian Intel. Mode: FSK 200/1000**
9347	**21-03**	**1849**	**Russian Intel. Mode: FSK 200/1000**
9042	**21-03**	**1906**	**Russian Intel. Mode: FSK 200/1000**
7858	**21-03**	**1910**	**Russian Intel. Mode: FSK 200/1000**
5870	**21-03**	**1920**	**Russian Intel. Mode: FSK 200/1000**
11509	**21-03**	**1930**	**Russian Intel. Mode: FSK 200/1000**
9203	**21-03**	**2013**	**Russian Gov/Intel. Mode: Baudot 200/500**
12186	**22-03**	**1600**	**Russian Intel. Mode: FSK 200/1000**
10506	**22-03**	**1610**	**Russian Intel. Mode: FSK 200/1000**
8117	**22-03**	**1620**	**Russian Intel. Mode: FSK 200/1000**
11163	**22-03**	**1835**	**Russian Intel. Mode: FSK 200/1000**
9347	**22-03**	**1845**	**Russian Intel. Mode: FSK 200/1000**
11509	**22-03**	**1930**	**Russian Intel. Mode: FSK 200/1000**
7602	**22-03**	**2000**	**Russian Gov/Intel. Mode: Baudot 200/500**
5757	**22-03**	**2010**	**Russian Gov/Intel. Mode: Baudot 200/500**
7935	**23-03**	**0540**	**Russian Gov/Intel. NT9P DE K4MT QRV QSA? Into RTTY sending 109 * 5F group msg header 199 109 23 0550 1988 =. Mode: CW + baudot 1,5 stb/50/500R**
14529	**22-03**	**0907**	**Russian Intel. Mode: FSK 200/500** **863 44432 04041 00118 1** **861 12231 54107 71444** **848 12356 87108 42033 68812 1** **844 51125 79528 14478 70784 110** **823 12605 56602 imt ur688 ¥** **824 78737 94190 70222 3631** **873 1365 10293 55306 03wp siq98 1859 6980 7&25 19105** **834 1-1@ %~y45 18893 60968** **853 13332 37952 13467 24339 24200 00090** **581 +++++ +++++**
7935	**23-03**	**0540**	**Russian Gov/Intel. NT9P DE K4MT QRV QSA? Into RTTY sending 109 * 5F group msg header 199 109 23 0550 1988 =. Mode: CW + baudot 1,5 stb/50/500R**
11536	**23-03**	**1735**	**Russian Intel. Mode: FSK 200/1000**
9241	**23-03**	**1745**	**Russian Intel. Mode: FSK 200/1000**

7862	23-03	1755	Russian Intel. Mode: FSK 200/1000
16060	25-03	1130	Mazielka. Sequence: 261453
16243	25-03	1530	Russian Intel, Moscow. Mode: FSK 200/500
13420	27-03	0800	Mazielka. Sequence: 534216
7935	30-03	0801	Mazielka. Sequence: 615243

XP family



XPA, 9362/8062/7462 kHz, 13-3, 1900/1920/1940 UTC:
304 304 304 000 304 304 304 000 304 304 304 000 6 05634 00001 00000 10140

XPA, 9362/8062/7462 kHz, 20-3, 1900/1920/1940 UTC:
304 304 304 1 304 304 304 1 304 304 304 1
00613 00215 27643 57984 16155 95284 63813 41759 30399 06673 10920 53663 88436 60743 66358
64301 40206 76576 64706 79592 83552 62712 81890 84232 26371 13781 8978 20848 75657 48873
28190 92758 13418 58636 86076 51451 94436 43750 80409 61399 17463 93809 54470 18976 97771
51985 62130 90566 91170 78569 37320 36201 06317 39926 67909 44634 13712 76203 84415 29568
66236 58839 01925 82296 14434 85423 23511 64254 30749 25074 00986 48965 10170 56476 36541
70069 63659 50917 69833 62841 71528 89514 45601 01387 83066 22666 00649 47976 05438 18393
65619 78939 07402 09593 15330 11767 00315 22444 36972 99789 98958 97802 61971 36594 56764
86185 79753 70881 61714 88429 38755 66827 14095 77898 53867 81719 26861 98715 71646 26561
69880 40276 66740 69510 02019 05599 35537 40237 72052 60500 51598 56636 07388 08658 88735
71206 76005 16808 25848 46531 06170 46479 24725 73581 82392 91063 19781 76091 32328 13455
86256 67391 69204 32749 61314 11412 49031 96841 19552 74585 78350 56706 13640 40893 86233
32229 70306 78322 07746 45675 39578 40975 39875 26333 91852 50767 31003 27111 85144 86981
52857 63664 46873 49087 78027 50276 51099 95100 73541 04146 08949 36276 13807 74179 88522
33807 69000 19552 88589 42803 62642 86802 08956 22180 47974 38276 00978 13796 75665 57247
08311 57991 14933 96478 91367 70034 82527 00365

XSL a.k.a. Slot Machine
Japan Maritime Self-Defense Force
海上自衛隊 Kaijō Jieitai





Mode: QPSK 1500bd

Copied on 4153, 4231.5, 6250, 6417, 6445, 8313, 8588, 8703.5 kHz

OLO32
Bezpečnostní informační služba
Security Information Service



6835.36 kHz, 03-03, 1746 UTC. Mode: SITOR-B 100/170. Encrypted traffic
9166.36 kHz, 04-03, 1746 UTC. Mode: SITOR-B 100/170. Encrypted traffic

North Korean diplomatic stations



21338.5 kHz, 04-02, 1411 UTC. Mode: DPRK-ARQ 600/600: North Korean embassy Sofia, Bulgaria
20821.5 kHz, 29-02, 0910 UTC. Mode: DPRK-ARQ 600/600
11198.4 kHz, 10-03, 1235 UTC. Mode: DPRK-ARQ 600/600
18031.5 kHz, 22-03, 0835 UTC. Mode: DPRK-ARQ 600/600: MFA Pyongyang North Korea

Egyptian diplomatic stations



19178.7 kHz, 05-03, 1628 UTC. Mode: SITOR-A 100/170: Egyptian embassy Dakar with tfc to MFA Cairo

UTILITY ROUND-UP

Two unid Numbers Stations, possibly pirates. If you can tell us more about these stations, please let us know!!

The first log was forwarded by Costas. Logged by zackers on the HF Underground board as pirate log. Recording by Joe Farley via HF Underground. Recording on the N&O website.

Frequency: 6925 kHz
Date/time: 17-03, 2346 UTC
Call: LXU
Message: 24 3-letter groups

LXU LXU LXU LXU
NRS GJK VYM IIC OQT TXZ AEG QPN PCD YZF
EIO UVK JJR VVT ABZ MKU LGC XSP ART QQG
DHS UMH SXE MJS
LXU LXU LXU LXU

The second one was forwarded by Trojan. It was logged by a Radioscanner.ru user.

Frequency: 2964 kHz
Date/time: 19-03, 1850 UTC
Details: Same voice as used by E17/E17z. Ended with "555".
Unfortunately, no record available.

We are also looking for the id of these stations:

5770 kHz	**RGJ: unid Russian station. Mode: CW. "VVV RTK2 DE RGJ QSA4"**
5770 kHz	**RYF2: unid Russian net. Mode: CW and Baudot 2,5 stb/50/500E. "RWI DE RYF2 QSA4"**
7943 kHz	**RFU: unid Russian station. Mode: Baudot 1.5 stb/100/500E + F1A/500 5F msg and 5L msg confirming traffic QSY to 6780 khz**
6780 kHz	**RFU: comes from 7943 kHz**

3K-net

9142 kHz, 04-03, 1954 UTC: unid Russian 3K net. "3K VVV VVV VVV VVV OK 3K"

Beacons

10146 kHz, 26-03, 1805 UTC and other dates. Unid Beacon "X9Q"
Sending "X9Q X9Q [10-sec dash]"

Jammer

The Vietnamese siren jammer could be heard on 12075 kHz at 1419 UTC on 29-03

Intelligence profile:
Azerbaijan





BACKGROUND

Azerbaijan - a nation with a majority-Turkic and majority-Muslim population - was briefly independent from 1918 to 1920; it regained its independence after the collapse of the Soviet Union in 1991. Despite a 1994 cease-fire, Azerbaijan has yet to resolve its conflict with Armenia over Nagorno-Karabakh, a primarily Armenian-populated region that Moscow recognized as part of Soviet Azerbaijan in the 1920s after Armenia and Azerbaijan disputed the status of the territory. Armenia and Azerbaijan began fighting over the area in 1988; the struggle escalated after both countries attained independence from the Soviet Union in 1991. By May 1994, when a cease-fire took hold, ethnic Armenian forces held not only Nagorno-Karabakh but also seven surrounding provinces in the territory of Azerbaijan. Corruption in the country is ubiquitous, and the government, which eliminated presidential term limits in a 2009 referendum, has been accused of authoritarianism. Although the poverty rate has been reduced in recent years due to revenue from oil production, the promise of widespread wealth resulting from the continued development of Azerbaijan's energy sector remains largely unfulfilled.

GENERAL

Country name:	**Azarbaycan Respublikasi (Azarbaycan)** **Republic of Azerbaijan (Azerbaijan)**
Former name:	**Azerbaijan Soviet Socialist Republic**
Capital:	**Baky (Baku)**
1 autonomous republic:	**Naxcivan Muxtar Respublikasi**
59 Rayons:	**Abseron Rayonu, Agcabadi Rayonu, Agdam Rayonu, Agdas Rayonu, Agstafa Rayonu, Agsu Rayonu, Astara Rayonu, Balakan Rayonu, Barda Rayonu, Beylaqan Rayonu, Bilasuvar Rayonu, Cabrayil Rayonu, Calilabad Rayonu, Daskasan Rayonu, Davaci Rayonu, Fuzuli Rayonu, Gadabay Rayonu, Goranboy Rayonu, Goycay Rayonu, Haciqabul Rayonu, Imisli Rayonu, Ismayilli Rayonu, Kalbacar Rayonu, Kurdamir Rayonu, Lacin Rayonu, Lankaran Rayonu, Lerik Rayonu, Masalli Rayonu, Neftcala Rayonu, Oguz Rayonu, Qabala Rayonu, Qax Rayonu, Qazax Rayonu, Qobustan Rayonu, Quba Rayonu, Qubadli Rayonu, Qusar Rayonu, Saatli Rayonu, Sabirabad Rayonu, Saki Rayonu, Salyan Rayonu, Samaxi Rayonu, Samkir Rayonu, Samux Rayonu, Siyazan Rayonu, Susa Rayonu, Tartar Rayonu, Tovuz Rayonu, Ucar Rayonu, Xacmaz Rayonu, Xanlar Rayonu, Xizi Rayonu, Xocali Rayonu, Xocavand Rayonu, Yardimli Rayonu, Yevlax Rayonu, Zangilan Rayonu, Zaqatala Rayonu, Zardab Rayonu**
11 Cities:	**Ali Bayramli Sahari, Baki Sahari, Ganca Sahari, Lankaran Sahari, Mingacevir Sahari, Naftalan Sahari, Saki Sahari, Sumqayit Sahari, Susa Sahari, Xankandi Sahari, Yevlax Sahari**

MILITARY BRANCHES

Army, Navy, Air, and Air Defense Forces

INTELLIGENCE & SECURITY AGENCIES

Milli Təhlükəsizlik Nazirliyi -MTN- (Ministry of National Security)
Daxili İşlər Nazirliyi -DIN- (Ministry Of Internal Affairs)

Milli Təhlükəsizlik Nazirliyi

The MTN was established in November 1991 after Azerbaijan restored its independence. Part of the personnel and material was inherited of the Soviet State Security Committee. The MTN reports to the President. The legal basis is guided by amongst others the Constitution, the Law of the Republic of Azerbaijan on Intelligence and Counter-Intelligence, and the Statute of the Ministry of National Security. The MTN has offices in Baku, Ganja and Nakhichevan.
The MTN is responsible for intelligence, counter-intelligence, protection of state secret, the fight against terrorism, preventing the activities of criminal organizations and foreign intelligence and special services. It is also responsible for the security of military structures, energy, transport, and communication.

Daxili İşlər Nazirliyi

The Minister of DIN supervises both the police units and the Internal Troops. The DIN includes amongst others the following departments:

Internal Security Department
Main Public Security department
Main Department of Internal Troops
Main Transportation Police Department
Main Traffic Police Department
Main Security Department
Central Bureau of Interpol in the Republic of Azerbaijan
Operations & Communication Department
Mobilization and Civil Defense Division

Internal Security Department

Internal Security Department corporate control over activities of the DIN units including study and supervision over internal security issues at the DIN bodies and units, prevention of undesirable facts, exposure and prosecution of officials supportive and involved in cases of corruption and implementation of operation and search activities in a manner and cases foreseen by the legislation.

Main Public Security department

As an independent structural part, identifies the main functions and activities in the field of public order and security, implements the steps aimed at prevention and exposure of criminal offences, guards and accompanies detained persons, to carries out security measures for diplomatic missions, quarantine operations, security operations for export oil pipe-lines, crime prevention among juveniles, as well as activity for permission system, arranges military and special transportations within the DIN.

Special Police Platoons **on security of diplomatic missions sites and Special Police Platoon providing Quarantine measures are also in the structure of the department.**

The *National Central Bureau of Interpol in* the Republic of Azerbaijan was established pursuant to Decree of the Cabinet of Ministers of the Republic of Azerbaijan (No.72, signed on Feb.9, 1993).

SOURCES / RELATED WEBSITES / FURTHER INFORMATION

CIA World Factbook
Ministry of National Security: http://www.mns.gov.az/
Ministry of Internal Affairs: http://www.mia.gov.az/

Intelligence profile: Georgia





BACKGROUND

The region of present day Georgia contained the ancient kingdoms of Colchis and Kartli-Iberia. The area came under Roman influence in the first centuries A.D. and Christianity became the state religion in the 330s. Domination by Persians, Arabs, and Turks was followed by a Georgian golden age (11th-13th centuries) that was cut short by the Mongol invasion of 1236. Subsequently, the Ottoman and Persian empires competed for influence in the region. Georgia was absorbed into the Russian Empire in the 19th century. Independent for three years (1918-1921) following the Russian revolution, it was forcibly incorporated into the USSR until the Soviet Union dissolved in 1991. An attempt by the incumbent Georgian government to manipulate national legislative elections in November 2003 touched off widespread protests that led to the resignation of Eduard SHEVARDNADZE, president since 1995. New elections in early 2004 swept Mikheil SAAKASHVILI into power along with his United National Movement party. Progress on market reforms and democratization has been made in the years since independence, but this progress has been complicated by Russian assistance and support to the breakaway regions of Abkhazia and South Ossetia. After a series of Russian and separatist provocations in summer 2008, Georgian military action in South Ossetia in early August led to a Russian military response that not only occupied the breakaway areas, but large portions of Georgia proper as well. Russian troops pulled back from most occupied Georgian territory, but in late August 2008 Russia unilaterally recognized the independence of Abkhazia and South Ossetia. This action was strongly condemned by most of the world's nations and international organizations.

GENERAL

Official name:	**Sak'art'velo (Georgia)**
Capital:	**Tbilisi**
9 Regions:	**Guria, Imereti, Kakheti, Kvemo Kartli, Mtskheta-Mtianeti, Racha-Lechkhumi and Kvemo Svaneti, Samegrelo and Zemo Svaneti, Samtskhe-Javakheti, Shida Kartli**
1 City:	**Tbilisi**
2 Autonomous Republics:	**Abkhazia or Ap'khazet'is Avtonomiuri Respublika, Ajaria or Acharis Avtonomiuri Respublika**

MILITARY BRANCHES

Georgian Armed Forces: Land Forces (include Air and Air Defense Forces); separatist Abkhazia Armed Forces: Ground Forces, Air Forces; separatist South Ossetia Armed Forces, Coast Guard, National Guard.

SECURITY AND INTELLIGENCE

Georgian Special Forces

- **Ministry of Finance:**
 - **Investigative Service Response Unit**

- **Interior Ministry:**
 - **Presidential Guard**
 - **Omega Special Task Force**
 - **Alpha Group**
 - **Adjara Naval Commando divers**
 - **K.U.D (Constitutional Security Department)**
 - **S.O.D (Special Operative Department)**

- **Georgian Army:**
 - **Commando Battalion**
 - **Special Operations Forces Command**
 - **Vashlijvari Special Forces Section**
 - **Sackhere Tactical Mountain Combat Section**
 - **13th "Shavnabada" Light Infantry Battalion**

Intelligence

- **Sakartvelos Dazvervis Samsakhuri / Georgian Intelligence Service (GIS)**
- **Military Intelligence Department**
- **J-2 Military Intelligence**
- **State Protection Service of the Republic of Georgia**
- **National Security Council of Georgia**

Sakartvelos Dazvervis Samsakhuri / Georgian Intelligence Service (GIS)

After the restoration of the independence of Georgia, the Information-Intelligence Service was established in 1991on the basis of the former Georgian SSR State Security Service, in which the Main Intelligence Division was one of its units.
From 1993-1997, the Main Division for Foreign Intelligence was functioning within the Ministry of State Security of Georgia.
As an independent service, State Department of Intelligence of Georgia was established on 19th September 1997. The regional offices in Adjara and Abkhazia were amalgamated in the department, together with the following offices: operations, information and analyses, human resources, inspection and security within the service.
In 2004-2005 State Department of Foreign Intelligence was again subordinated to the Ministry of State Security as a subordinated agency.
On the 24th of January, 2005, with the reformation and merger of the Ministries of State Security and Internal Affairs of Georgia, the decision was taken for a separation of the Department of Foreign Intel-

ligence from the State Security Ministry and of its establishment as an independent body. Its new name was the Foreign Intelligence Special Service.
On the 27 of April, 2010 upon adoption of new laws on Intelligence and Georgian Intelligence Service, our agency was renamed as "Georgian Intelligence Service".
The Georgian Intelligence Service is a special agency of the executive branch directly subordinated to the President of Georgia, which conducts intelligence activities in political, economic, scientific-technical, military-strategic and environmental protection fields and carries out counter-intelligence abroad in the state interests of Georgia.

GIS Structure
1) Analytical Directorate - operates as the analytical arm of the Service with the following responsibilities: conducts planning and direction of the foreign intelligence activities, evaluates short, mid and long term planning of the Service, collects intelligence information from open sources, provides timely, accurate and objective analyses of all-source intelligence information, disseminates intelligence product to "customers";
2) Information Directorate - operates as the clandestine arm of the Service with the following responsibilities: carries out Human Intelligence, conducts covert activities to collect intelligence information that is not obtainable through the open sources, conducts data processing of intelligence information, conducts foreign counter-intelligence activities, conducts SIGINT operations;
3) Security Directorate - operates as the security arm of the Service with the following responsibilities: provides information security of the Service, acts as an inspector general of the Service, conducts pre-employment clearance and keeps an archive;
4) Administrative Directorate - operates as the mission support arm of the Service with the following responsibilities: HR, legal issues, financial issues, IT and communication, foreign relations and protocol, public diplomacy;
5) Training Center – The training center provides the staff with special training, re-training and scientific research activities as well as special preparation for the staff of other Governmental bodies.

Military Intelligence
J-2 is the intelligence directorate of the Army.
The Ministry of Defence has also a Military Intelligence Department.

Erovnuli Usap'rt'khoebis Mimokhilva / National Security Council of Georgia
The National Security Council of Georgia (NSC) advises thePresident of Georgia on National Security, Foreign Policy, and Domestic Policy. The NSC is the highest political decision-making body for security matters and is tasked with strengthening national defense and national security, and enhancing stability and the rule of law.

The NSC was established by Article 99 of the Constitution of Georgia in 1996 and is regulated by the Organic Law on the National Security Council in Georgia. According to the Constitution of Georgia, the NSC is chaired by the President of Georgia. The National Security Adviser of the President (also known as the Secretary of the National Security Council) directs its activities. The regular statutory attendees of the National Security Council are the Prime Minister, Foreign Minister, Defense Minister, Minister of Internal Affairs, Finance Minister, National Security Advisor to the President.

Sakhelmtsip'o Dats'vis Samsakhuri Sak'art'velos Respublikis
State Protection Service of the Republic of Georgia
According to Decree N124, dated June 23, 1994, on the basis of Government Protection Division of State Security, the State Protection Service of the Republic of Georgia was established. According to Decree N709, dated December 23, 1998, Protection Divisions of Georgian Pipeline Company and other

units were established on the basis of the Special State Protection Service of Georgia. Currently, the structural divisions of the Service are as follows:

1) **Main Division for Protection of the President of Georgia;**
2) **The VIP Protection Department;**
3) **Department for Protection of Administrative Buildings and Government Residences;**
4) **Department for Operative and Technical Support;**
5) **Service Administration (Department);**
6) **General Inspection (Department);**
7) **Department of Economics;**
8) **Main Division for Special Missions;**
9) **Main Division for Human Resources;**
10) **Main Division for Ensuring Safe Movement of the Special Mission Convoy;**
11) **Main Medical Division;**
12) **Main Division of the Autonomous Republic of Abkhazia;**
13) **Main Division of the Autonomous Republic of Adjara.**

SOURCES / RELATED WEBSITES / LITERATURE

http://www.gis.gov.ge
http://www.mfa.gov.ge
http://www.mod.gov.ge
http://guard.mod.gov.ge
http://www.nsc.gov.ge/eng
http://www.ssps.gov.ge
CIA World Factbook
Wikipedia

LOGS SECTION

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
2680	M22	VVV DE 4XZ 4XZ	CW	9-3-2012	Fri	1940	(FN)
2680	M22	4XZ: message nr 362 5LGs	CW	18-3-2012	Sun	1930	(FN)
2833	M22	4XZ idling	CW	9-3-2012	Fri	2250	(ML4)
2833	M22	4XZ	CW	9-3-2012	Fri	2150	(MOR)
2833	M22	VVV DE 4XZ 4XZ	CW	15-3-2012	Thu	2021	(FN)
2833	M22	4XZ: ISR Haifa Naval VVV DE 4XZ	CW	9-3-2012	Fri	2338	(VL)
2847	M42	Russian Gov (tent). From 3876 kHz	CW	20-3-2012	Tue	2223	(MPJ)
2860	M22	4XZ in progress	CW	23-3-2012	Fri	1837	(ML4)
3280	M76	UWS1 DE JR.7 QTC ...	CW	9-3-2012	Fri	1755	(JPL-SVK)
3280	M76	7E3O DE M4F1 QTC 169 22 BT (see N&O 174)	CW	14-3-2012	Wed	1750	(JPL-SVK)
3280	M76	In traffic 99954 93219 99519 35199 94893 11999 46938 19994 49319 99943 93819 99429 38xxx (Silent 1800z)	CW	13-3-2012	Tue	1758	(JPL-SVK)
3280	M76	K2BJ DE AQ3Y QTC 184 29 BT	CW	20-3-2012	Tue	1750	(JPL-SVK)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	5-3-2012	Mon	2028	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	4-3-2012	Sun	1505	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	15-3-2012	Thu	1229	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	16-3-2012	Fri	1316	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	14-3-2012	Wed	1817	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	13-3-2012	Tue	1833	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	7-3-2012	Wed	1813	(JPL)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	13-3-2012	Tue	1426	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	19-3-2012	Mon	1426	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	19-3-2012	Mon	1913	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	13-3-2012	Tue	2151	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	12-3-2012	Mon	2059	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	4-3-2012	Sun	1659	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	28-3-2012	Wed	1442	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	9-3-2012	Fri	1539	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	28-3-2012	Wed	1831	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	4-3-2012	Sun	1914	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	6-3-2012	Tue	1957	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	16-3-2012	Fri	1714	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	12-3-2012	Mon	1327	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	5-3-2012	Mon	1404	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	30-3-2012	Fri	1940	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	27-3-2012	Tue	2138	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	29-3-2012	Thu	1317	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	31-3-2012	Sat	2124	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	31-3-2012	Sat	1709	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	27-3-2012	Tue	1526	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	2-3-2012	Fri	1440	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	18-3-2012	Sun	1643	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	15-3-2012	Thu	1812	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	1-3-2012	Thu	1944	(JPL)
3297	M89	In tfc. 5 fig using AU34567DNT cut nr format	CW	1-3-2012	Thu	1712	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	18-3-2012	Sun	1444	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	18-3-2012	Sun	1552	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	1-3-2012	Thu	1454	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	25-3-2012	Sun	1712	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	3-3-2012	Sat	1454	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	23-3-2012	Fri	1229	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	3-3-2012	Sat	2235	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	3-3-2012	Sat	1920	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	23-3-2012	Fri	1549	(JPL)
3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	25-3-2012	Sun	1514	(JPL)
3314	MX	Russian Air Defence =990116??0????? //4391 kHz	CW	26-3-2012	Mon	2117	(MPJ)
3314	M21	=992350??0?????	CW	9-3-2012	Fri	1950	(FN)
3314	M21	Russian Air Defense. =990054??0????? =990055??0?????	CW	4-3-2012	Sun	2054	(WP3)
3348	M32	GPAU: NCS CIS Military. With comms check with at least HN8E, BKIJ and 8LIS. Duplex	CW	20-3-2012	Tue	2127	(MPJ)
3520	M01b	582-129/30=24273 //4585	CW	2-3-2012	Fri	2110	(HFD)
3642	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	13-3-2012	Tue	1835	(JPL)
3642	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd) //7602	CW	21-3-2012	Wed	2004	(JPL)
3644	M01b	771-129/30=24273 //4454	CW	5-3-2012	Mon	2015	(HFD)
3657	S30	Weather report to 8ShCh	USB	23-3-2012	Fri	1552	(Avare)
3659	M23	747 (In Progress)	CW	13-3-2012	Tue	1901	(JPL-SVK)
3659	M23	747 (R12)	CW	12-3-2012	Mon	1858	(JPL)
3659	M23	747 (R12)	CW	21-3-2012	Wed	1757	(JPL-HOL)
3659	M23	747 (R12)	CW	20-3-2012	Tue	1757	(JPL-HOL)
3659	M23	747 (In Progress)	CW	14-3-2012	Wed	1800	(JPL-SVK)
3659	M23	747 (In Progress)	CW	15-3-2012	Thu	1901	(JPL-D)
3659	M23	747 (R12)	CW	19-3-2012	Mon	1757	(JPL-D)
3659	M23	747 (R12)	CW	12-3-2012	Mon	1758	(JPL)
3659	M23	747 (In Progress)	CW	13-3-2012	Tue	1801	(JPL-SVK)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
3659	M23	747 (R12)	CW	9-3-2012	Fri	1900	(JPL-SVK)
3659	M23	747 (R12)	CW	18-3-2012	Sun	1857	(JPL-SVK)
3659	M23	747 (R12)	CW	25-3-2012	Sun	1757	(JPL-SVK)
3659	M23	747 (In progress)	CW	2-3-2012	Fri	1909	(JPL-SVK)
3659	M23	747 (R12)	CW	11-3-2012	Sun	1857	(JPL-SVK)
3659	M23	747 (In Progress)	CW	9-3-2012	Fri	1801	(JPL-SVK)
3659	M23	747 (R12)	CW	5-3-2012	Mon	1758	(JPL-SVK)
3659	M23	747 (R12)	CW	5-3-2012	Mon	1858	(JPL-SVK)
3659	M23	in progress: 747 747 747	CW	23-3-2012	Fri	1905	(FN)
3659	M23	747 (R12)	CW	8-3-2012	Thu	1900	(JPL-SVK)
3659	M23	747 (R12)	CW	11-3-2012	Sun	1757	(JPL-SVK)
3659	M23	747 (In Progress)	CW	7-3-2012	Wed	1906	(JPL-SVK)
3659	M23	747 (R12)	CW	7-3-2012	Wed	1758	(JPL-SVK)
3659	M23	747 (In Progress)	CW	8-3-2012	Thu	1800	(JPL-SVK)
3659	M23	747 (In Progress)	CW	4-3-2012	Sun	1900	(JPL-D)
3659	M23	747 (R12)	CW	14-3-2012	Wed	1858	(JPL-SVK)
3659	M23	747 (R12)	CW	3-3-2012	Sat	1858	(JPL-SVK)
3683	M21	PVO 991532??t????? 991533???t?????	CW	1-3-2012	Thu	1131	(AB)
3756	S30	8S1SHCH 15 761 MAGNALIIJ 62 12 43 04 Priyom	USB	13-3-2012	Tue	0557	(Avare)
3756	S30	8S1Shch 89 859 RENTNYIJ 38 18 55 80 Priyom	USB	12-3-2012	Mon	1508	(Avare)
3756	S30	Pip marker	CW	29-3-2012	Thu	2133	(AB)
3756	S30	Dlya LI27 INNC* ShchMJP 8CShchJ TZLM FY5Ye F61N 37CN MUDR 7VNShch Kak slyshno? Priyom"	USB	9-3-2012	Fri	1853	(Danix)
3796	M89	v h2fl h2fl h2fl de drv8 drv8	CW	1-1-2012		2312	
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	1-3-2012	Thu	1556	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	13-3-2012	Tue	2149	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	19-3-2012	Mon	1429	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	3-3-2012	Sat	1918	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	18-3-2012	Sun	1150	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	28-3-2012	Wed	1455	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	9-3-2012	Fri	1541	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	19-3-2012	Mon	1914	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	4-3-2012	Sun	1512	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	2-3-2012	Fri	1437	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	28-3-2012	Wed	1836	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	5-3-2012	Mon	2026	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	18-3-2012	Sun	1446	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	5-3-2012	Mon	1410	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	14-3-2012	Wed	1828	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	16-3-2012	Fri	1317	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	4-3-2012	Sun	1916	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	16-3-2012	Fri	1706	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	29-3-2012	Thu	1325	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	23-3-2012	Fri	1230	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	12-3-2012	Mon	1328	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	12-3-2012	Mon	2102	(JPL)
3797	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //4512	CW	1-3-2012	Thu	1947	(JPL)
3798	M89	v h2fl h2fl h2fl de drv8 drv8	CW	5-1-2012		2307	
3798	M89	v h2fl h2fl h2fl de drv8 drv8	CW	6-1-2012		2042	
3798	M89	v h2fl h2fl h2fl de drv8 drv8	CW	5-1-2012		1746	
3798	M89	v h2fl h2fl h2fl de drv8 drv8	CW	3-1-2012		2104	
3798	M89	v h2fl h2fl h2fl de drv8 drv8	CW	1-1-2012		2241	
3798	M89	v h2fl h2fl h2fl de drv8 drv8	CW	4-1-2012		2121	
3798	M89	v h2fl h2fl h2fl de drv8 drv8	CW	2-1-2012		2017	

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
3804	M18	1117 1117 1117 1117 1117 1117 1117 1117 1217 1217	CW	3-1-2012		1211	
3804	M18	1758 1759 1759 1759 1759	CW	8-1-2012		1148	
3804	M18	1802 1802 1802	CW	1-1-2012		1400	
3804	M18	2104 2105 2105 2105 2105	CW	7-1-2012		1403	
3828	S32	Dlya Storozh-62 Yavka-94 Ryabina-38 Ruzh'yo-26 Nevka-26 Rota-64 kak slyshno? priyom	USB	17-3-2012	Sat	1855	(Avare)
3828	S32	Al'fa45 23 978 KLIVAZH 48 80 36 64 Priyom	USB	13-3-2012	Tue	0606	(Avare)
3828	S32	Squeaky Wheel marker	USB	29-3-2012	Thu	2133	(AB)
3828	S32	Al'fa45 85 876 NABORNYIJ 72 68 48 29 Priyom	USB	12-3-2012	Mon	1511	(Avare)
3876	M42	Russian Gov (tent). From 4447 kHz	CW	20-3-2012	Tue	2223	(MPJ)
4007	M32a	BSF HQ RCV QTC 184 ... = prip = novorossijsk 42 karta 32172 ... (warning rocket firing exercises)	CW	23-3-2012	Fri	1910	(FN)
4035	V02a	A 61111 02842 05561	AM	12-3-2012	Mon	0400	(MS)
4072	M18	1715 1715 1715 1716 1716 1716 (UTC+6), 15 minutes fast	CW	27-3-2012	Tue	2200	(JPL-SVK)
4072	M18	1822 1822 in progress - sending time strings, 16 minutes fast	CW	28-3-2012	Wed	2305	(JPL-HOL)
4073	M18	0243 0243 0243 ...	CW	17-3-2012	Sat	1941	(FN)
4073	M18	0009 0009 0009 ...	CW	23-3-2012	Fri	2005	(FN)
4073	M18	0045 0045 0046 etc. (2 mins fast)	CW	30-3-2012	Fri	2047	(AB)
4073	M18	"0001" In Progress, sending time strings. Long zero	CW	30-3-2012	Fri	0001	(JPL-SVK)
4073	M18	in progress 1551 (R10) 1552 (R10) ... 1606 (R10)	CW	27-3-2012	Tue	2136	(Spec)
4153	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	18-3-2012	Sun	1211	(AB-HK)
4153	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	1-3-2012	Thu	1310	(AB)
4174	V02a		AM	4-3-2012	Sun	0300	(W1GFD)
4174	V02a		AM	12-3-2012	Mon	0003	(W1GFD)
4191.5	M21	=990004??0?????	CW	18-3-2012	Sun	2004	(FN)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	8-3-2012	Thu	1213	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	27-3-2012	Tue	1524	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	12-3-2012	Mon	2058	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	25-3-2012	Sun	1714	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	18-3-2012	Sun	1147	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	25-3-2012	Sun	1512	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	18-3-2012	Sun	1547	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	7-3-2012	Wed	1749	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	6-3-2012	Tue	1955	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	27-3-2012	Tue	2136	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	14-3-2012	Wed	1923	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	19-3-2012	Mon	1433	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	29-3-2012	Thu	1316	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	31-3-2012	Sat	2118	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	31-3-2012	Sat	1707	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	15-3-2012	Thu	1810	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	16-3-2012	Fri	1314	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	5-3-2012	Mon	1402	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	3-3-2012	Sat	1922	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	13-3-2012	Tue	1432	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	15-3-2012	Thu	1231	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	16-3-2012	Fri	1728	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	14-3-2012	Wed	1833	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	3-3-2012	Sat	1449	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	13-3-2012	Tue	2228	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	13-3-2012	Tue	2152	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	13-3-2012	Tue	1831	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	1-3-2012	Thu	1452	(JPL)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	1-3-2012	Thu	1727	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	1-3-2012	Thu	2308	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	12-3-2012	Mon	1326	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	4-3-2012	Sun	1912	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	23-3-2012	Fri	1555	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	23-3-2012	Fri	1227	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	28-3-2012	Wed	1121	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	28-3-2012	Wed	1829	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	19-3-2012	Mon	1911	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	4-3-2012	Sun	1525	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	9-3-2012	Fri	2232	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	30-3-2012	Fri	1939	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	3-3-2012	Sat	2233	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	2-3-2012	Fri	1441	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	25-3-2012	Sun	2224	(JPL)
4225	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW	28-3-2012	Wed	1439	(JPL)
4231.5	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	18-3-2012	Sun	1211	(AB-HK)
4231.5	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	1-3-2012	Thu	1310	(AB)
4331	M22	VVV DE 4XZ 4XZ	CW	9-3-2012	Fri	1940	(FN)
4331	M22	4XZ in progress	CW	28-3-2012	Wed	1846	(ML4)
4331	M22	4XZ: message nr 362 5LGs	CW	18-3-2012	Sun	1930	(FN)
4380	M21b	Russian Air Defense	USB	27-3-2012	Tue	0841	(ML4)
4380	M21b	PVO	USB	10-3-2012	Sat	0832	(ML4)
4380	M21b	Russian Air Defence data in speed way	USB	24-2-2012		0822	(ML4)
4391	MX	Russian Air Defence =990116??0????? //3314 kHz	CW	26-3-2012	Mon	2117	(MPJ)
4391	M21	PVO. =99T142??T????? =99T143??T????? =99T144??T?????	CW	11-3-2012	Sun	2150	(MOR)
4391	M21	=992341??0?????	CW	9-3-2012	Fri	1941	(FN)
4391	M21	Russian Air Defence = 992053??0?????	CW	18-3-2012	Sun	1652	(MPJ)
4391	M21	Russian Air Defense	CW	28-3-2012	Wed	1853	(ML4)
4440.4	M51	in progress	CW	22-2-2012		2013	(ML4)
4440.5	M51	BT NR 50 M 26 23:29:57 1984 BT YLBNM RPPIF LCWHS ...	CW	26-3-2012	Mon	2130	(MPJ)
4440.5	M51	BT NR 90 M 21 23:25:07 1984 BT MUGJM HKOJD ...	CW	21-3-2012	Wed	2224	(MPJ)
4447	M32	9EPR: CIS Mil. "P6LP de 9EPR K. R K" with message for 1JWT	CW	20-3-2012	Tue	2132	(MPJ)
4447	M42	Russian Gov (tent). "UAL UAL UAL. QSY 3312. QSA3". Correspondent with call UFC on 3312 "QSA4 QTC1 K". UFC into FSK/50/500. No decode. "UAL-BK 3669" then QSY 3876 and 2837 kHz, when they lose contact completely.	CW	20-3-2012	Tue	2221	(MPJ)
4454	M01b	771-129/30=24273 //3644	CW	5-3-2012	Mon	2015	(HFD)
4454	S21	454 642 34 75064 83781 53509 50211 66231 18524 //4854 kHz (see N&O 174)	USB	1-3-2012	Thu	1840	(AB-D)
4454	S21	454-642/34=75064 //4854	USB	6-3-2012	Tue	1842	(HFD)
4454	S21	454 642 34 75064 83781 85856	USB	29-3-2012	Thu	1842	(HS2)
4454	S21	454 642 34 75064 ... 15856 642 34 000	USB	15-3-2012	Thu	1842	(Spec)
4454	S21	454 642 34 75064 ... 15856 642 34 000	USB	20-3-2012	Tue	1842	(Spec)
4458	M51	message nr 70	CW	25-3-2012	Sun	1843	(FN)
4458.1	M51	in progress	CW	22-2-2012		0817	(ML4)
4468	M42	Russian Intel. No msg for "576"	Baudot 200/500 1,5sb (ACF=15)	1-3-2012	Thu	2020	(linkz)
4469	E07	OM/EE 584 584 584 1 .. 496 52 496 52 . 15862 57225.....26879 11761 . 000 000	AM	1-3-2012	Thu	2150	(linkz)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	20-3-2012	Tue	1911	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	20-3-2012	Tue	2344	(JPL)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	22-3-2012	Thu	0010	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	21-3-2012	Wed	1909	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	21-3-2012	Wed	2010	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	30-3-2012	Fri	1956	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	28-3-2012	Wed	2307	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	28-3-2012	Wed	1935	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	27-3-2012	Tue	1822	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	19-3-2012	Mon	1812	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	3-3-2012	Sat	1912	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	1-3-2012	Thu	2212	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	23-3-2012	Fri	1727	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	15-3-2012	Thu	1822	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	8-3-2012	Thu	2326	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	5-3-2012	Mon	1847	(JPL)
4474	M89	In tfc until 1734z - mostly unreadable. V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	25-3-2012	Sun	1727	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	3-3-2012	Sat	1841	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	18-3-2012	Sun	1917	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	25-3-2012	Sun	2229	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	16-3-2012	Fri	1716	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	2-3-2012	Fri	1902	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	3-3-2012	Sat	2239	(JPL)
4474	M89	V RXP7 (x3) DE CZT2 (x2) (Cont'd)	CW	9-3-2012	Fri	0029	(JPL)
4497	E07	584 1	AM	8-3-2012	Thu	2150	(HFD)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	5-3-2012	Mon	1410	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	15-3-2012	Thu	1816	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	29-3-2012	Thu	1325	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	9-3-2012	Fri	1541	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	18-3-2012	Sun	1150	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	28-3-2012	Wed	1455	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	5-3-2012	Mon	2026	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	3-3-2012	Sat	2237	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	23-3-2012	Fri	1230	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	31-3-2012	Sat	2126	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	12-3-2012	Mon	2102	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	16-3-2012	Fri	1317	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	27-3-2012	Tue	1532	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	27-3-2012	Tue	2143	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	4-3-2012	Sun	1916	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	4-3-2012	Sun	1512	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	16-3-2012	Fri	1706	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	30-3-2012	Fri	1946	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	2-3-2012	Fri	1437	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	12-3-2012	Mon	1328	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	1-3-2012	Thu	1556	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	3-3-2012	Sat	1918	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	3-3-2012	Sat	1451	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	28-3-2012	Wed	1836	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	25-3-2012	Sun	1516	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	18-3-2012	Sun	1446	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	18-3-2012	Sun	1556	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	18-3-2012	Sun	1625	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	7-3-2012	Wed	1818	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	1-3-2012	Thu	1725	(JPL)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	19-3-2012	Mon	1914	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	13-3-2012	Tue	2149	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	23-3-2012	Fri	1552	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	14-3-2012	Wed	1828	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	1-3-2012	Thu	1947	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	6-3-2012	Tue	1958	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //3797	CW	19-3-2012	Mon	1429	(JPL)
4512	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW	9-3-2012	Fri	2335	(JPL)
4526	G06	215 215 215 00000	AM	1-3-2012	Thu	1300	(Avare)
4526	G06	Testing 123456789 1123456789 1123456789 11234	AM	1-3-2012	Thu	1221	(Avare)
4538	V07	SS/YL. 705 705 705 1	AM	27-3-2012	Tue	0710	(Avare)
4539	M22	VVV DE 4XZ 4XZ	CW	9-3-2012	Fri	1940	(FN)
4555	M45	In traffic. Ends with 0 0 0	CW	27-3-2012	Tue	1819	(JPL)
4555	M45	555-642/34=75064 //4955	CW	8-3-2012	Thu	1802	(HFD)
4557.7	MX	Beacon "D"	CW	20-3-2012	Tue	2004	(JPL)
4557.7	MX	Beacon "D"	CW	26-3-2012	Mon	2156	(MPJ)
4557.9	MX	Beacon "S"	CW	26-3-2012	Mon	2157	(MPJ)
4557.9	MX	Beacon "S"	CW	20-3-2012	Tue	2004	(JPL)
4564	E07a	815 1-36562	AM	7-3-2012	Wed	2140	(HFD)
4564	E07a	815 1 36562 416 49 44021 ... 27480 000 000	USB	7-3-2012	Wed	2140	(Spec)
4585	M01b	582-129/30=24273 //3520	CW	2-3-2012	Fri	2110	(HFD)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	30-3-2012	Fri	1944	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	30-3-2012	Fri	2000	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	29-3-2012	Thu	1326	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	16-3-2012	Fri	1328	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	12-3-2012	Mon	2101	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	12-3-2012	Mon	1527	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	15-3-2012	Thu	1825	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) Svc Comm msg sent at 1351z - mostly unreadable	CW	12-3-2012	Mon	1330	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	13-3-2012	Tue	1428	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	3-3-2012	Sat	1916	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	3-3-2012	Sat	2240	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	15-3-2012	Thu	1227	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	27-3-2012	Tue	1529	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	23-3-2012	Fri	1231	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	21-3-2012	Wed	2007	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	21-3-2012	Wed	1910	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	23-3-2012	Fri	1553	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	28-3-2012	Wed	2255	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	28-3-2012	Wed	1835	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	28-3-2012	Wed	1500	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	28-3-2012	Wed	1447	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	28-3-2012	Wed	1126	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	27-3-2012	Tue	2141	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	4-3-2012	Sun	1915	(JPL)
4590	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	4-3-2012	Sun	1513	(JPL)
4595	M22	message nr 447 gr 35 == jdjdj ...	CW	22-3-2012	Thu	2034	(FN)
4605	M01b	201-129/30=24273	CW	1-3-2012	Thu	1932	(HFD)
4605	M01b	201-129/30=24273	CW	1-3-2012	Thu	1932	(HFD)
4625	S28	MDZhB 37 673 ROTSENIT 36 18 17 03	USB	13-3-2012	Tue	0623	(AB/Avare)
4625	S28	MDZhB 77 013 VOYUYUSHCHIIJ 27 86 87 50	USB	13-3-2012	Tue	0621	(AB/Avare)
4625	S28	MDZhB 59 976 TOLPISHCHA 64 85 28 86	USB	13-3-2012	Tue	0611	(AB/Avare)
4625	S28	MDZhB 10 098 BOTVET 83 37 12 71	USB	13-3-2012	Tue	0607	(AB/Avare)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
4625	S28	MDZhB 30 245 BOCHZARA 14 23 58 28	USB	13-3-2012	Tue	0604	(AB/Avare)
4625	S28	MDZhB 88 684 TECHNYIJ 25 50 74 63	USB	13-3-2012	Tue	0559	(AB/Avare)
4625	S28	MDZhB 38 466 DVOROVYIJ 24 45 94 38	USB	12-3-2012	Mon	1518	(Avare)
4625	S28	MDZhB 21 398 KOFEL 16 66 05 66	USB	13-3-2012	Tue	0555	(AB/Avare)
4625	S28	Buzzer	USB	28-3-2012	Wed	1910	(ML4)
4625	S28	MDZhB 79 939 Agatu 78 87 78 40	USB	4-3-2012	Sun	1340	(AB-EST)
4625	S28	MDZhB 89 751 SVEKLOVITsA 18 11 28 ??	USB	22-3-2012	Thu	0834	(AB/Av/JM5)
4625	S28	MDZhB 55 741 KVARTsIT 56 88 48 32	USB	22-3-2012	Thu	0838	(AB/Av/JM5)
4625	S28	MDZhB 11 895 KVARTIRNIK 94 73 77 81	USB	22-3-2012	Thu	0840	(AB/Av/JM5)
4625	S28	MDZhB 46 640 OBTOPAN 46 12 98 44	USB	27-3-2012	Tue	0949	(AB/Avare)
4625	S28	MDZhB 05 550 EVANGELIST 28 21 06 48	USB	22-3-2012	Thu	0933	(AB/Av/JM5)
4625	S28	MDZhB 87 301 YeVTINIYa 75 85 56 07	USB	12-3-2012	Mon	1509	(Avare)
4625	S28	MDZhB 93 343 AVTOKOD 03 09 36 91 repeat MDZhB 93 343 AVTOKOD 03 09 300...36 91	USB	12-3-2012	Mon	1431	(Avare)
4625	S28	Buzzer	USB	25-3-2012	Sun	0240	(Daunt)
4625	S28	Conversation. See N&O 174	USB	22-3-2012	Thu	0940	(Avare)
4625	S28	MDZhB 40 048 KVADRATOR 24 77 40 31	USB	22-3-2012	Thu	0947	(AB/Av/JM5)
4625	S28	Buzzer marker	USB	29-3-2012	Thu	2133	(AB)
4625	S28	MDZhB 65 977 ABShTRIKh 34 11 62 95	USB	22-3-2012	Thu	0949	(AB/Av/JM5)
4625	S28	MDZhB 19 347 Kvinokain 80 22 73 22	USB	15-3-2012	Thu	0722	(AB)
4625	S28	MDZhB 09 410 AVANTIURIST 88 51 82 22	USB	22-3-2012	Thu	0857	(AB/Av/JM5)
4625	S28	MDZhB 04 585 AVANSOVYJ 30 29 20 09	USB	22-3-2012	Thu	0927	(AB/Av/JM5)
4625	S28	MDZhB 02 097 AVTONOMIST 07 53 90 30 AVTONOMNYJ 64 61 81 01	USB	12-3-2012	Mon	1430	(Avare)
4625	S28	MDZhB 06 138 SBROShYeNNYJ 48 67 29 57	USB	27-3-2012	Tue	0957	(AB/Avare)
4625	S28	MDZhB 06 123 SVITKA 65 06 50 58	USB	15-3-2012	Thu	0650	(Avare)
4625	S28	Buzzer	USB	20-3-2012	Tue	1719	(JPL)
4625	S28	MDZhB 96 256 OBTURATOR 56 61 62 96	USB	23-3-2012	Fri	2338	(AB/Avare)
4625	S28	MDZhB 13 985 NOZHOVOCHNYIJ 24 93 20 93	USB	13-3-2012	Tue	0817	(AB/Avare)
4625	S28	2BYP 42 356 14 033 SOKOLETS 12 39 08 63	USB	13-3-2012	Tue	0803	(AB/Avare)
4625	S28	Buzzer breakdown	USB	19-3-2012	Mon	1110	(Avare)
4625	S28	MDZhB 87 762 TVIN 60 42 84 54 buzzer, then repeats MDZhB 87 762 TVIN 60 42 84 54	USB	15-3-2012	Thu	1030	(Avare)
4625	S28	MDZhB 34 839 ROSTERIT 28 61 22 36	USB	13-3-2012	Tue	0756	(AB/Avare)
4625	S28	'B2M KHN87 42 356 07 468 PODKOS 68 20 72 59	USB	13-3-2012	Tue	0749	(AB/Avare)
4625	S28	MDZhB 56 028 VOSFALKA 51 22 20 08	USB	13-3-2012	Tue	0738	(AB/Avare)
4625	S28	OYEUN 32 077 21 676 MOROZHENITSA 88 39 70 63	USB	13-3-2012	Tue	0733	(AB/Avare)
4625	S28	MDZhB 88 743 37 673 ROSKOELIT 77 77 28 23	USB	13-3-2012	Tue	0711	(AB/Avare)
4625	S28	MDZhB OEUN 47 105 24 605 VOLEMITOL 94 88 57 75	USB	13-3-2012	Tue	0633	(AB/Avare)
4625	S28	MDZhB 85 944 SOUCHASTIE 30 50 33 35	USB	13-3-2012	Tue	0543	(AB/Avare)
4625	S28	MDZhB 48 727 FOSFAZID 82 67 43 82 91	USB	13-3-2012	Tue	0658	(AB/Avare)
4625	S28	MDZhB OYEUN 02 806 19 836 59 557 VORON'E 49 96 76 71	USB	13-3-2012	Tue	0640	(AB/Avare)
4854	S21	454 642 34 75064 83781 53509 50211 66231 18524 //4454 kHz (see N&O 174)	USB	1-3-2012	Thu	1840	(AB-D)
4854	S21	OM. 454 454 454... 8381?.. 43088... 03849 03849 22922 01954 01954.. 09831 09831... 00 33230 33230 8282 8282... 749 749 34 34 000. Very weak	USB	13-3-2012	Tue	1842	(AIK)
4854	S21	454-642/34=75064 //4454	USB	6-3-2012	Tue	1842	(HFD)
4854	S21	CODAR QRM3 - End:1854z	USB	22-3-2012	Thu	1845	(SWL1409)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	28-3-2012	Wed	1120	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	9-3-2012	Fri	0020	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	25-3-2012	Sun	1720	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	3-3-2012	Sat	1920	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	1-3-2012	Thu	1719	(JPL)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	2-3-2012	Fri	1420	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	12-3-2012	Mon	1320	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	16-3-2012	Fri	1721	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5)	CW	5-3-2012	Mon	2020	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	16-3-2012	Fri	1321	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	1-3-2012	Thu	2319	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	8-3-2012	Thu	1220	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	18-3-2012	Sun	1620	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	28-3-2012	Wed	1420	(JPL)
4860	M89	vvv Q2M Q2M Q2M de NYZ NYZ NYZ	CW	15-3-2012	Thu	2025	(FN)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	5-3-2012	Mon	1420	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	13-3-2012	Tue	2320	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (In progress) //6840	CW	19-3-2012	Mon	1423	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K In Progress) //6840	CW	15-3-2012	Thu	1223	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	31-3-2012	Sat	2119	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	29-3-2012	Thu	1320	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	4-3-2012	Sun	1520	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	7-3-2012	Wed	1820	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	4-3-2012	Sun	1920	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	13-3-2012	Tue	2220	(JPL)
4860	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	19-3-2012	Mon	1920	(JPL)
4900	V24		AM	28-2-2012		1240	(Token)
4900	V24		AM	1-2-2012		1530	(Token)
4900	V24		AM	4-2-2012		1500	(Token)
4900	V24		AM	17-2-2012		1500	(Token)
4900	V24		AM	16-2-2012		1530	(Token)
4900	V24		AM	15-2-2012		1530	(Token)
4900	V24		AM	29-2-2012		1240	(Token)
4900	V24		AM	5-2-2012		1500	(Token)
4900	V24		AM	29-2-2012		1530	(Token)
4900	V24		AM	15-2-2012		1240	(Token)
4900	V24		AM	14-2-2012		1240	(Token)
4900	V24		AM	16-2-2012		1500	(Token)
4909	E11	248/00	USB	8-3-2012	Thu	0900	(AB)
4909	E11	287/00	USB	10-3-2012	Sat	1445	(HFD)
4909	E11	248/00	USB	17-3-2012	Sat	0900	(HFD)
4909	E11	248/00	USB	17-3-2012	Sat	0901	(AB-D)
4923	E06	759 218 34 41131 ... 47947 218 34 00000	USB	17-3-2012	Sat	0230	(Spec)
4923	E06	759 642 31 75348 ... 21543 642 31 00000	USB	10-3-2012	Sat	0230	(Spec)
4923	E06	759 642 31 75348 ... 21543 642 31 00000	USB	11-3-2012	Sun	0230	(Spec)
4923	E06	759 481 32 76624 ... 85918 481 32 00000	USB	4-3-2012	Sun	0230	(Spec)
4955	M45	555 (R4) 642 34 (Same msg sent last Tue)	CW	20-3-2012	Tue	1802	(JPL-SVK)
4955	M45	642 642 34 34 = 75064 etc	CW	13-3-2012	Tue	1804	(JPL-SVK)
4955	M45	555-642/34=75064 //4555	CW	8-3-2012	Thu	1802	(HFD)
4955	M45	i/p 1816z	CW	22-3-2012	Thu	1805	(SWL1409)
4958	S06	843 0	AM	24-3-2012	Sat	1935	(HFD)
4958	S06	843 0	AM	17-3-2012	Sat	1935	(HFD)
5020	M01	463	CW	6-3-2012	Tue	2000	(HFD)
5020	M01	463-##0/30=23228	CW	15-3-2012	Thu	2000	(HFD)
5115	V24		AM	17-2-2012		1530	(Token)
5115	M94		CW	11-2-2012		1400	(Token)
5115	V24		AM	25-2-2012		1300	(Token)
5115	M94		CW	26-2-2012		1400	(Token)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
5115	V24		AM	29-2-2012		1500	(Token)
5115	V24		AM	5-2-2012		1400	(Token)
5115	V24		AM	12-2-2012		1630	(Token)
5115	V24		AM	26-2-2012		1630	(Token)
5115	V24		AM	18-2-2012		1300	(Token)
5115	V24		AM	19-2-2012		1300	(Token)
5115	V24		AM	24-2-2012		1300	(Token)
5115	V24		AM	20-2-2012		1430	(Token)
5115	V24		AM	20-2-2012		1500	(Token)
5115	V24		AM	21-2-2012		1400	(Token)
5115	V24		AM	21-2-2012		1430	(Token)
5115	V24		AM	21-2-2012		1500	(Token)
5115	V24		AM	23-2-2012		1630	(Token)
5115	V24		AM	11-2-2012		1630	(Token)
5115	M94		CW	10-2-2012		1400	(Token)
5115	V24		AM	20-2-2012		1400	(Token)
5115	V24		AM	18-2-2012		1530	(Token)
5115	V24		AM	2-2-2012		1300	(Token)
5115	M94		CW	27-2-2012		1400	(Token)
5115	V24		AM	1-2-2012		1500	(Token)
5115	V24		AM	2-2-2012		1530	(Token)
5115	V24		AM	3-2-2012		1300	(Token)
5115	V24		AM	3-2-2012		1530	(Token)
5115	V24		AM	4-2-2012		1300	(Token)
5115	V24		AM	10-2-2012		1430	(Token)
5115	V24		AM	1-2-2012		1300	(Token)
5115	V24		AM	11-2-2012		1430	(Token)
5115	V24		AM	10-2-2012		1530	(Token)
5115	V24		AM	6-2-2012		1400	(Token)
5127	S06	349 0	AM	29-3-2012	Thu	1905	(HFD)
5127	S06s	349 00000	AM	29-3-2012	Thu	1905	(HS2)
5129	M32a	RCV: Sevastopol Naval sending 166-group msg to unid ending "... JADIK CUAOG WO–YY AR RCV K. QTC 6 k	CW	29-3-2012	Thu	2038	(MPJ)
5132	S06	349 00000	USB	19-3-2012	Mon	1905	(Spec)
5146	E07a	188 188 188 000	USB	15-3-2012	Thu	0530	(Spec)
5146	E07a	188 188 188 000	USB	1-3-2012	Thu	0530	(Spec)
5146	E07a	188 1 36562 416 49 44021 ... 27480 000 000	USB	8-3-2012	Thu	0530	(Spec)
5146	E07a	188 188 188 000	USB	22-3-2012	Thu	0530	(Spec)
5153.7	MX	Beacon "D"	CW	20-3-2012	Tue	2005	(JPL)
5153.9	MX	Beacon "S"	CW	20-3-2012	Tue	2005	(JPL)
5163	M12	714 0	CW	7-3-2012	Wed	2220	(HFD)
5164	E07a	815 1-36562	AM	7-3-2012	Wed	2120	(HFD)
5164	E07a	815 815 815 000	USB	21-3-2012	Wed	2120	(Spec)
5164	E07a	815 1 36562 416 49 44021 ... 27480 000 000	USB	7-3-2012	Wed	2120	(Spec)
5164	E07a	815 815 815 000	USB	14-3-2012	Wed	2120	(Spec)
5186	E06	891-349/5=34246	AM	1-3-2012	Thu	2030	(HFD)
5186	E06	891 349 15 34216 ... 89231 349 15 00000	USB	15-3-2012	Thu	2030	(Spec)
5186	E06	891 349 15 34216 ... 89231 349 15 00000	USB	1-3-2012	Thu	2030	(Spec)
5194	E11	953/23	USB	19-3-2012	Mon	1713	(FMB)
5197	E06	634-838/15=34265	AM	2-3-2012	Fri	2130	(HFD)
5230	M89	V DKG6 DKG6 DKG6 DE 3A7D 3A7D	CW	8-3-2012	Thu	2050	(PPA)
5230	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	28-3-2012	Wed	2257	(JPL)
5230	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	27-3-2012	Tue	1527	(JPL)
5230	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	28-3-2012	Wed	1443	(JPL)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
5230	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	28-3-2012	Wed	1834	(JPL)
5230	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	28-3-2012	Wed	1937	(JPL)
5257	M21	=9920157??0????? //5873	CW	20-3-2012	Tue	2157	(JPL-HOL)
5278	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW	2-3-2012	Fri	2338	(JPL)
5292	S5292	Finara-55 Ya Arbat-50 36 564 Bugristyj 36 54 92 63 Ya Arbat-50 Priyom	USB	5-3-2012	Mon	1200	(Avare)
5330	S5330	Bizon-55 Radiogramma 212 Prinyata	USB	7-3-2012	Wed	0530	(Avare)
5330	S5330	Bizon-64 Bizon-64 09 05 212 = 443 Shchulchp lal?g nridk zchshdk?kuvs zt?zha vpyuy lkhlyp syukhar zhgshchlb mbyuas mgevu ktsrsyu kzhkav priyom	USB	7-3-2012	Wed	0530	(Avare)
5393	VC01	Chinese Robot in progress	USB	29-3-2012	Thu	1211	(NC)
5393	VC01	Chinese Robot in progress	USB	30-3-2012	Fri	1612	(AB-HK)
5393	VC01	Chinese Robot in progress	USB	29-3-2012	Thu	1427	(AB-HK)
5393	VC01	Chinese Robot in progress not //5802 kHz	USB	31-3-2012	Sat	1159	(AB-HK)
5417	V02a	A 18101 83732 17282	AM	30-3-2012	Fri	0200	(MS)
5417	V02a	A 15311 15712 56521	AM	16-3-2012	Fri	0200	(MS)
5426	S5426	Finara55 YA Arbat50 30 001 PLACHEVNYIJ 26 35 59 37 Finara55 Ya Arbat50 PLAChYeVNYJ Priyom	USB	13-3-2012	Tue	0632	(Avare)
5426	S5426	Finara-55 Ya Arbat-50 ASKYeTIZM Ya Arbat-50 Priyom	USB	24-3-2012	Sat	0602	(Avare)
5442	G06	947 494 15 45364 ... 14890 494 15 00000	USB	23-3-2012	Fri	1930	(Spec)
5442	G06	947 494 15 45364 ... 14890 494 15 00000	USB	9-3-2012	Fri	1930	(Spec)
5448	S30	Weather report to 8ShCh	USB	24-3-2012	Sat	0615	(Avare)
5448	S20	(Missed the start) YeRDMYANIN 66 08 60 59 priyom	USB	29-3-2012	Thu	1221	(Avare)
5448	S30	Weather report to 8ShCh	USB	24-3-2012	Sat	0615	(Avare)
5453.1	M51	BT NR 10 F 22 09:30:41	CW	22-2-2012		0823	(ML4)
5470	S06S	934	USB	2-3-2012	Fri	0610	(HFD)
5472	M32a	RMGB: Russian navy tanker IMAN tfc to RCV "RMGB 719 17 21 0400 719 = SML FOR RJH45 RJE73 = 21001 99349 10358 41998à. 21013 = + RMGB K"	CW	21-3-2012	Wed	0005	(WP3)
5473	S32	Al'fa45 16 573 KADOMEL' 81 30 71 98 Vremya 16:15 priyom	USB	29-3-2012	Thu	1215	(Avare)
5474	M01	463	CW	8-3-2012	Thu	1800	(HFD)
5474	M01	Good	CW	22-3-2012	Thu	1802	(SWL1409)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	23-3-2012	Fri	1555	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	3-3-2012	Sat	1922	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	9-3-2012	Fri	2232	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	4-3-2012	Sun	1525	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	4-3-2012	Sun	1912	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	14-3-2012	Wed	1923	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	15-3-2012	Thu	1231	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	23-3-2012	Fri	1227	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	16-3-2012	Fri	1314	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	5-3-2012	Mon	1402	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	5-3-2012	Mon	2029	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	3-3-2012	Sat	2233	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	14-3-2012	Wed	1833	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	16-3-2012	Fri	1728	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	3-3-2012	Sat	1449	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW	1-3-2012	Thu	1945	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	1-3-2012	Thu	1727	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	31-3-2012	Sat	2118	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	31-3-2012	Sat	1707	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	13-3-2012	Tue	1432	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	15-3-2012	Thu	1810	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	13-3-2012	Tue	1832	(JPL)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	1-3-2012	Thu	1452	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	12-3-2012	Mon	2058	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	13-3-2012	Tue	2152	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	13-3-2012	Tue	2228	(JPL)
5500	M89	v 7NPE 7NPE 7NPE de QVHB QVHB QVHB	CW	15-3-2012	Thu	2050	(FN)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	12-3-2012	Mon	1326	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	1-3-2012	Thu	2308	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	2-3-2012	Fri	1441	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	19-3-2012	Mon	1433	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	27-3-2012	Tue	2136	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	28-3-2012	Wed	1439	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	28-3-2012	Wed	1829	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	6-3-2012	Tue	1955	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW	28-3-2012	Wed	2259	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	18-3-2012	Sun	1547	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	30-3-2012	Fri	1939	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	28-3-2012	Wed	1121	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	19-3-2012	Mon	1911	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW	21-3-2012	Wed	2002	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	25-3-2012	Sun	2224	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	29-3-2012	Thu	1316	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	8-3-2012	Thu	1213	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	25-3-2012	Sun	1714	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	7-3-2012	Wed	1749	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	27-3-2012	Tue	1524	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	25-3-2012	Sun	1512	(JPL)
5500	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW	18-3-2012	Sun	1147	(JPL)
5514	M32	IIZY: CIS Mil. Sends another 28-group message to collective X8CK (see N&O 174)	CW	18-3-2012	Sun	1611	(MPJ)
5514	M32	IIZY: CIS Mil. Sends message to collective X8CK: X8CK (x3) QTC + 022 28 18 1600 022 = 414 = (see N&O 174)	CW	18-3-2012	Sun	1611	(MPJ)
5514	M32	IIZY: CIS Mil. Comes on to night frequency at 1500 UTC after tune-up. ..6I de IIZY K. QSA4 QSA? K. R K. Comms check with net of 5 stations ..6I, 4ZYE, D9Z6, JFMA and OQDW. QSX not found.	CW	18-3-2012	Sun	1500	(MPJ)
5514	M32	ZFTO: CIS military non grouped crypto message to M4YI	CW	5-3-2012	Mon	2030	(PPA)
5514	M32	CISn Mil: "4ZYE de IIZY K RPT K"; "IIZY = YBXShU K IIZY = QCUFSh K"	CW	17-3-2012	Sat	2030	(Pat)
5637	V21	OM singing numbers.	USB	2-3-2012	Fri	1300	(westt1us)
5732	M42	Russian Gov/Intel. CNOX DE FGDE QSY 51833 into RTTY sending 5F msg with =50= =100= group separator	CW + Baudot 1,5 stb/50/500E	18-3-2012	Sun	0537	(PPA)
5736	M32	CIS Mil. Duplex frequency. "XWZR DE 04IZ QTC 949 52 20 0740 949 = 364 = AAAA"	CW	20-3-2012	Tue	0545	(PPA)
5740	M32	Russian mil. Russian operator calling "dabrosnasjiem ayonwatsiem priyom"	USB	20-3-2012	Tue	0555	(PPA)
5747.4	M32	CIS mil. Duplex frequency, net control 1HX2 in contact with ZZGK and VC7W	CW	18-3-2012	Sun	2051	(PPA)
5750	M32	Russian mil. Russian YL calling for Warosia and Moira	CW	18-3-2012	Sun	0611	(PPA)
5752	M21	Russian Air Defence = 992058??8?????	CW	18-3-2012	Sun	1657	(MPJ)
5752	M21	=990009??0?????	CW	14-3-2012	Wed	2009	(FN)
5752	M21	Russian Air Defence (PVO) =992351??0????? etc	CW	29-3-2012	Thu	1952	(MPJ)
5752	M21	PVO =992340??8?????	CW	16-3-2012	Fri	1940	(PPA)
5752	M21	PVO =17500808715602 =992103??8????? =47500750022?00 =002104??8?????	CW	20-3-2012	Tue	1702	(JPL-SVK)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
5757	M42	Russian Intel. No msg for "576"	Baudot 200/500 1,5sb (ACF=15)	1-3-2012	Thu	2010	(linkz)
5757	M42	unid Baudot 200 Bd/500 Hz	USB	22-3-2012	Thu	2010	(FMB)
5760	S06s	374-259/6=72239	USB	27-3-2012	Tue	0700	(HFD)
5762	V02a	A (The signal was too garbled for copy)	AM	3-3-2012	Sat	0200	(MS)
5762	V02a	A 70861 77041 57242	AM	17-3-2012	Sat	0200	(MS)
5762	V02a	A 25332 22052 23451	AM	10-3-2012	Sat	0200	(MS)
5763	M12	714 0	CW	7-3-2012	Wed	2200	(HFD)
5764	M32	CIS mil. Outstation FZBR in duplex contact with net control YKMT	CW	20-3-2012	Tue	0512	(PPA)
5770	---	Unid Russian station RGJ: "vvv RTK2 DE RGJ QSA4"	CW	20-3-2012	Tue	0530	(PPA)
5770	---	Unid Russian station RYF2: "RWI DE RYF2 QSA4" into 2FSK/50/500 starting with idling and later traffic	CW + 2FSK 50/500E	20-3-2012	Tue	0548	(PPA)
5784	S06	349 349 349 00000	AM	26-3-2012	Mon	1900	(HS2)
5784	S06	349 0	AM	26-3-2012	Mon	1900	(HFD)
5794	M32	OJRV: CIS mil. "QTC 55 1 18 0610 = ZAF ="	CW	18-3-2012	Sun	0504	(PPA)
5800	M08a	Cuban Intel. 5F msg using cut numbers header AD-GRN ADGRN = =	CW	18-3-2012	Sun	0600	(PPA)
5800	M08a	54131 15742 56382	CW	30-3-2012	Fri	0600	(MS)
5800	M08a	35852 52462 50632	CW	17-3-2012	Sat	0600	(MS)
5800	M08a	12761 35122 50572	CW	9-3-2012	Fri	0600	(MS)
5800	SK01		RDFT	14-3-2012	Wed	0700	(MS)
5801	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	20-3-2012	Tue	2146	(JPL)
5801	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	20-3-2012	Tue	1915	(JPL)
5801	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	20-3-2012	Tue	2342	(JPL)
5802	VC01	Chinese Robot in progress	LSB	5-3-2012	Mon	1345	(AB-HK)
5802	VC01	Chinese Robot in progress	LSB	9-3-2012	Fri	1304	(AB)
5802	VC01	Chinese Robot in progress not //5393 kHz	LSB	31-3-2012	Sat	1159	(AB-HK)
5802	VC01	Chinese Robot in progress. Also at 1428 UTC	LSB	29-3-2012	Thu	1212	(AB-HK)
5802	VC01	Chinese Robot in progress	LSB	26-3-2012	Mon	2052	(AB-HK)
5802	VC01	Chinese Robot in progress	LSB	26-3-2012	Mon	1159	(AB-HK)
5802	Vc01	Chinese Robot in progress	LSB	5-3-2012	Mon	1119	(AB-HK)
5802	VC01	Chinese Robot in progress	LSB	6-3-2012	Tue	1208	(AB-HK)
5802	VC01	Chinese Robot in progress	LSB	14-3-2012	Wed	1304	(AB-AUS)
5802	VC01	Chinese Robot in progress	LSB	27-3-2012	Tue	1849	(AB-HK)
5802	VC01	Chinese Robot in progress	LSB	18-3-2012	Sun	1655	(JPL-HK)
5802	VC01	Chinese Robot in progress	USB	17-3-2012	Sat	1214	(AB-HK)
5802	VC01	Chinese Robot in progress	LSB	16-3-2012	Fri	1227	(AB-HK)
5802	VC01	Chinese Robot in progress	USB	7-3-2012	Wed	1321	(AB-HK)
5802	VC01	Chinese Robot in progres	LSB	15-3-2012	Thu	1220	(AB-HK)
5815	G11	294/38 A 61140 21372 93397	USB	2-3-2012	Fri	1325	(HS2)
5815	G11	299/00	USB	9-3-2012	Fri	1325	(HFD)
5815	S11a	221/00	USB	7-3-2012	Wed	1020	(HFD)
5815	S11a	221/00	USB	7-3-2012	Wed	1020	(AB)
5815	G11	299/00	USB	10-3-2012	Sat	1325	(HFD)
5815	G11	2../.. Too much QRM to copy	USB	13-3-2012	Tue	1755	(AIK)
5815	G11	270/00	USB	18-3-2012	Sun	1755	(HFD)
5815	G11	299/00	USB	9-3-2012	Fri	1325	(AB)
5815	G11	270/00	USB	27-3-2012	Tue	1755	(HS2)
5815	G11	299/00	USB	23-3-2012	Fri	1325	(AB)
5815	G11	270/00	USB	20-3-2012	Tue	1755	(HFD)
5815	G11	270/00	USB	20-3-2012	Tue	1755	(Spec)
5815	G11	270/00	USB	13-3-2012	Tue	1755	(Spec)
5815	G11	270/00	USB	18-3-2012	Sun	1755	(Spec)
5816	G11	ip.	USB	6-3-2012	Tue	1805	(FMB)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
5829	M12	890 1	CW	22-3-2012	Thu	0440	(HFD)
5836	E07	584 1	AM	8-3-2012	Thu	2130	(HFD)
5846	E07a	188 188 188 000	USB	22-3-2012	Thu	0550	(AB)
5846	E07a	188 188 188 000	USB	22-3-2012	Thu	0550	(Spec)
5846	E07a	188 188 188 000	USB	15-3-2012	Thu	0550	(Spec)
5846	E07a	188 1 36562 416 49 44021 ... 27480 000 000	USB	8-3-2012	Thu	0550	(Spec)
5846	E07a	188 188 188 000	USB	1-3-2012	Thu	0550	(Spec)
5864	E07a	815 1-36562-416/49 =44021	AM	7-3-2012	Wed	2100	(HFD)
5864	E07a	815 815 815 000	USB	21-3-2012	Wed	2100	(Spec)
5864	E07a	815 815 815 000	USB	14-3-2012	Wed	2100	(Spec)
5864	E07a	815 1 36562 416 49 44021 ... 27480 000 000	USB	7-3-2012	Wed	2100	(Spec)
5870	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1920	(FMB)
5873	M21	=992305??8?????	CW	25-3-2012	Sun	1905	(FN)
5873	M21	=9920152??0????? //5257	CW	20-3-2012	Tue	2152	(JPL-HOL)
5879	E06	759 260 31	AM	18-3-2012	Sun	0130	(Daunt)
5879	E06	759 260 31	AM	24-3-2012	Sat	0130	(Daunt)
5879	E06	759 260 31	AM	25-3-2012	Sun	0230	(Daunt)
5879	E06	759 642 31 75348 ... 21543 642 31 00000	USB	11-3-2012	Sun	0130	(Spec)
5879	E06	759 481 32 76624 ... 85918 481 32 00000	USB	4-3-2012	Sun	0130	(Spec)
5879	E06	759 218 34 41131 ... 47947 218 34 00000	USB	17-3-2012	Sat	0130	(Spec)
5883	V02a	Atencion 10022 16522 36801 LG 65875	AM	8-3-2012	Thu	0700	(Dan)
5883	V02a	Cuban DGI CUB Spanish yl callup Atencion 44261 04021 41161 / 44221 44221	AM	4-3-2012	Sun	0700	(PPA)
5883	V02a	Atencion 44221 04031 41161 LG 50356	AM	4-3-2012	Sun	0700	(Dan)
5883	V02a	Atencion 41361 71351 04272 LG 34365	AM	3-3-2012	Sat	0700	(Dan)
5883	V02a	A 31011 31411 55861	AM	9-3-2012	Fri	0700	(MS)
5883	V02a	Atencion 50272 84332 67122 LG 48773	AM	6-3-2012	Tue	0700	(Dan)
5883	V02a	SS/YL medium to strong signal fading in and out with lots of noise.	AM	3-3-2012	Sat	0007	(Ozz)
5898	SK01		RDFT	14-3-2012	Wed	0600	(MS)
5898	M08a	35852 52462 50632	CW	17-3-2012	Sat	0500	(MS)
5898	M08a	20301 76312 44663	CW	5-3-2012	Mon	0500	(MS)
5898	M08a	31241 04832 22831	CW	12-3-2012	Mon	0500	(MS)
5898	M08a	84452 78302 20352	CW	1-3-2012	Thu	0500	(MS)
5898	SK01	This should have been a M08a sked in MCW mode	RDFT	30-3-2012	Fri	0500	(MS)
5898	V02a	A 62781 70181 43881	AM	5-3-2012	Mon	0800	(MS)
5898	M08a	82542 67581 31371 (Only sent callup once and then stopped. Came back at 0507z as SK01.)	CW	9-3-2012	Fri	0505	(MS)
5898	SK01		RDFT	9-3-2012	Fri	0507	(MS)
5898	V02a	A 31011 31411 55861	AM	9-3-2012	Fri	0800	(MS)
5898	V02a	A 57662 08051 72841	AM	10-3-2012	Sat	0700	(MS)
5898	V02a	Cuban numbers station broadcast	AM	4-3-2012	Sun	0811	(BCA)
5898	M08a	03471 54522 12352	CW	29-3-2012	Thu	0500	(MS)
5898	V02a	A 16201 68431 88711	AM	15-3-2012	Thu	0800	(MS)
5898	V02a		AM	6-3-2012	Tue	0008	
5923	S06	314 0	AM	3-3-2012	Sat	2130	(HFD)
5930	SK01		RDFT	17-3-2012	Sat	0930	(MS)
5930	SK01		RDFT	3-3-2012	Sat	0930	(MS)
5930	SK01		RDFT	6-3-2012	Tue	0930	(MS)
5934	G06	434(!)=579(!)/15= 45326	AM	8-3-2012	Thu	1830	(HFD)
5945	M14	346 BC QRM	CW	27-3-2012	Tue	1820	(HFD)
5947	SK01		RDFT	3-3-2012	Sat	0900	(MS)
5947	SK01		RDFT	17-3-2012	Sat	0900	(MS)
5947	SK01		RDFT	6-3-2012	Tue	0900	(MS)
6140	E25a	675 93. 1031 UTC: tone, YL, break, Mx3, Rx3, EOM	AM	4-3-2012	Sun	1027	(MG)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
		EOT					
6140	E25	Music "Ahwak"	AM	27-3-2012	Tue	0854	(AIK)
6140	E25	YL. 62 672 672 672 672 672 672 672 672 672 672 672 672 672 672 message etc.	AM	3-3-2012	Sat	1027	(AIK)
6140	E25	Piano music	AM	27-3-2012	Tue	0951	(AIK)
6140	E25	Transmitter opens. Music "Ahwak"	AM	27-3-2012	Tue	0934	(AIK)
6140	E25	Music "Ahwak"	AM	27-3-2012	Tue	0940	(AIK)
6140	E25	Muazzine with prayer, repeated over and over	AM	27-3-2012	Tue	0824	(AIK)
6140	E25	Switch to music "Ahwak"	AM	27-3-2012	Tue	0849	(AIK)
6140	E25	Music "Ahwak"	AM	27-3-2012	Tue	0859	(AIK)
6140	E25	Music "Ahwak"	AM	27-3-2012	Tue	0905	(AIK)
6140	E25	Song stopped followed by noises, False start of "Ah-wak", then some sort of digital cuckoo noise	AM	27-3-2012	Tue	0907	(AIK)
6140	E25	Male voice 250 250 250 250 250 250 250 250 250 250 250 250 etc (see N&O 174)	AM/USB	29-3-2012	Thu	0800	(AIK/MG)
6140	E25	Song "Ahwak"	AM	29-3-2012	Thu	0829	(MG)
6140	E25	YL. 672 5525 3025 0666 2843 9712 6539 8383 9137	AM	3-3-2012	Sat	1029	(AIK)
6140	E25	Male voice 250 250 250 250 250 250 250 250 250 250 250 250 etc (see N&O 174)	AM/USB	29-3-2012	Thu	0800	(AIK)
6140	E25	Transmitter opens, immediatly followed by music "Ahwak" by Abdel Halem Hafez	AM	27-3-2012	Tue	1047	(AIK)
6140	E25	tone... 887 ... unworkable	USB	8-3-2012	Thu	1116	(FG)
6140	E25	Repeat of 1047 UTC	AM	27-3-2012	Tue	1053	(AIK)
6140	E25	Music	AM	31-3-2012	Sat	0729	(AIK)
6140	E25	YL "zero" interjected between prayers	AM	27-3-2012	Tue	0840	(AIK)
6184	M32	Russian Mil: 8FLH: unid rus mil RUS 1012 CW 5LG 8FLH 296 28 20 1417 296 = 945 = ddddd aklxa bqqgm casvt	CW	20-3-2012	Tue	1012	(WP3)
6215	V24		AM	27-2-2012		1500	(Token)
6215	V24		AM	10-2-2012		1500	(Token)
6215	V24		AM	11-2-2012		1500	(Token)
6215	V24		AM	3-2-2012		1600	(Token)
6215	V24		AM	26-2-2012		1500	(Token)
6215	V24		AM	2-2-2012		1600	(Token)
6215	V24		AM	19-2-2012		1600	(Token)
6215	V24		AM	18-2-2012		1600	(Token)
6250	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	1-3-2012	Thu	1310	(AB)
6250	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	18-3-2012	Sun	1211	(AB-HK)
6250	XSL	Japan Maritime Self-Defense Force	QPSK 1500	9-3-2012	Fri	1805	(PPA)
6250	XSL	Weak, S0, just out of noise	USB	9-3-2012	Fri	1330	(ZW)
6261	M01	463-782/30=85897	CW	10-3-2012	Sat	1500	(HFD)
6304	E11a	415/30 A 26173 10847 90804	USB	26-3-2012	Mon	0450	(HS2)
6304	E11	416/00 TX Paused During Message	USB	19-3-2012	Mon	0450	(Spec)
6310	V24		AM	28-2-2012		1300	(Token)
6310	V24		AM	20-2-2012		1630	(Token)
6310	V24		AM	27-2-2012		1300	(Token)
6310	V24		AM	24-2-2012		1330	(Token)
6310	V24		AM	23-2-2012		1330	(Token)
6310	V24		AM	23-2-2012		1300	(Token)
6310	V24		AM	22-2-2012		1300	(Token)
6310	V24		AM	5-2-2012		1630	(Token)
6310	V24	Music + coded message	USB	4-3-2012	Sun	1331	(BCA)
6310	V24	Korean numbers station broadcast	AM	4-3-2012	Sun	1331	(BCA)
6310	V24		AM	3-2-2012		1330	(Token)
6310	V24		AM	18-2-2012		1330	(Token)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
6310	V24		AM	5-2-2012		1430	(Token)
6310	V24		AM	4-2-2012		1330	(Token)
6310	V24		AM	6-2-2012		1300	(Token)
6310	V24		AM	6-2-2012		1430	(Token)
6310	V24		AM	6-2-2012		1630	(Token)
6310	V24		AM	7-2-2012		1300	(Token)
6310	V24		AM	14-2-2012		1300	(Token)
6310	V24		AM	15-2-2012		1300	(Token)
6310	V24		AM	19-2-2012		1330	(Token)
6310	V24		AM	15-2-2012		1430	(Token)
6310	V24		AM	16-2-2012		1430	(Token)
6310	V24		AM	19-2-2012		1630	(Token)
6325	XM	Feedback	LSB	15-3-2012	Thu	1615	(AB)
6340	S06s	934-826/5=20158	USB	2-3-2012	Fri	0600	(HFD)
6340	S06s	934 (R4) 826 5 20158 25662 74073 50954 92455 826 5 00000	USB	2-3-2012	Fri	0600	(HS2)
6351.5	M32	Russian Mil: xxx vn6b vn6b 13289 prislannyj 1261 6654 k	CW	28-3-2012	Wed	1205	(WP3)
6351.5	M32	Russian Mil: xxx vn6b vn6b 97427 ulowo÷nyj 2471 7407 k	CW	28-3-2012	Wed	1144	(WP3)
6379	M22	VVV DE 4XZ 4XZ	CW	9-3-2012	Fri	1940	(FN)
6379	M22	4XZ: message nr 362 5LGs	CW	18-3-2012	Sun	1930	(FN)
6410	S06s	893-514/6=75643	USB	6-3-2012	Tue	1000	(HFD)
6417	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	1-3-2012	Thu	1310	(AB)
6417	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	18-3-2012	Sun	1211	(AB-HK)
6417	XSL	Weak, S0, just barely audible	USB	9-3-2012	Fri	1330	(ZW)
6433	G11	262/00	USB	4-3-2012	Sun	2000	(HFD)
6433	G11	262/00	USB	9-3-2012	Fri	2000	(Spec)
6433	G11	263/35 Achtung 92619 ... 10442 Ende	USB	18-3-2012	Sun	2000	(Spec)
6433	G11	263/35 Achtung 92619 ... 10442 Ende	USB	16-3-2012	Fri	2000	(Spec)
6433	G11	262/00	USB	23-3-2012	Fri	2000	(Spec)
6445	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	18-3-2012	Sun	1211	(AB-HK)
6445	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	1-3-2012	Thu	1310	(AB)
6445	XSL	Better on this frequency, about S3	USB	9-3-2012	Fri	1330	(ZW)
6464	S06s	537 210 6 67453 78697 90756 45323 56552 12110 210 6 00000	USB	27-3-2012	Tue	1500	(HS2)
6464	S06s	537-218/6=78654	USB	6-3-2012	Tue	1500	(HFD)
6525	M22	VVV DE 4XZ 4XZ	CW	9-3-2012	Fri	1940	(FN)
6525	M22	4XZ: 5 letters blocks == R AR VVV DE 4XZ 4XZ = =	CW	17-3-2012	Sat	1733	(ML4)
6525	M22	4XZ: Navy Haifa ISR vvv de 4xz 4xz = = ar ar nw qtc 1 nr 544 = =	CW	4-3-2012	Sun	0203	(PPA)
6525	M22	4XZ: "== NR 263 CI V DJ2R 926181 MM6U GR 61 == MUMUM BAHHN CSPDK KTTNN SKBH ORDHW OO-WIQESROSD RSCXL RRYEB NBECM ADHRB IFCCO RXPEN TSEQJ BAHHN == AR AR VVV DE 4XZ 4XZ =="	CW	18-3-2012	Sun	1813	(WP3)
6529	V21	OM singing numbers.	USB	29-2-2012		1300	(westt1us)
6529	V21	OM singing numbers.	USB	1-3-2012	Thu	1300	(westt1us)
6607	M22	4XZ: message nr 362 5LGs	CW	18-3-2012	Sun	1930	(FN)
6607	M22	VVV DE 4XZ 4XZ	CW	25-3-2012	Sun	1827	(FN)
6607	M22	"VVV DE 4XZ 4XZ 4XZ"	CW	22-3-2012	Thu	0048	(oar9fi)
6685	M32b	RFF8085 calls Korsar, no joy, flight to or from Sudan; qrg busy with Jeddah LDOC traffic to Saudia flight in English and Arabic.	USB	18-3-2012	Sun	1721	(Pat)
6685	M32c	Korsar: Russian air-force Pskov in contact with Klar-netist	CW	12-3-2012	Mon	1806	(PPA)
6685	M32c	Klarnetist: Russian air-force Tver in contact with	CW	12-3-2012	Mon	1804	(PPA)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
		Korsar,later calling Davlenie but no contact.					
6722	M32	YWLP: NCS CIS Mil. Comms checks with at least H9LS, ACSC, ..ON, NEKP, ME4B, ..., KYH8. Duplex.	CW	18-3-2012	Sun	1600	(MPJ)
6722	M32	YWLP: Russian military net control. "vvv vvv vvv 3 k rk" followed by radiochecks with KYH8 H9LS NEKP and YYC2	CW	11-3-2012	Sun	1807	(PPA)
6768	V02a	A 62281 07762 13121	AM	19-3-2012	Mon	0400	(MS)
6768	SK01		RDFT	16-3-2012	Fri	1600	(MS)
6768	V02a	A 70861 77041 57242	AM	17-3-2012	Sat	0100	(MS)
6771	M32	Russian Mil: "xxx wegi wegi 11928 plasti÷nyj 9455 0574 k"	CW	14-3-2012	Wed	1309	(WP3)
6771	M32	Russian Mil: "xxx wegi 63779 glossarij 5177 0559"	CW	14-3-2012	Wed	1335	(WP3)
6771	M32	Russian Mil: "xxx wegi 43291 klinika 4081 4223"	CW	14-3-2012	Wed	1343	(WP3)
6771	M32	Russian Mil: "xxx wegi 78633 glubota 1567 9454"	CW	14-3-2012	Wed	1317	(WP3)
6773	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //8040	CW	2-3-2012	Fri	2342	(JPL)
6774	G06	215 215 215 00000 At 0746 and 0748 UTC test counts	AM	26-3-2012	Mon	0800	(AB)
6774	G06	215 0	AM	12-3-2012	Mon	0800	(HFD)
6774	G06	215 00000	USB	5-3-2012	Mon	0800	(Spec)
6774	G06	215 00000	USB	19-3-2012	Mon	0800	(Spec)
6774	G06	215 00000	USB	12-3-2012	Mon	0800	(Spec)
6779	M42	unid Baudot 200 Bd/500 Hz	USB	17-3-2012	Sat	2000	(FMB)
6785	M08a	 Signal too weak and fades out.	CW	21-3-2012	Wed	1904	(MS)
6785	M08a	52551 63222 62862	CW	7-3-2012	Wed	1900	(MS)
6785	M08a	 28852 (Up and IP at 1923z after mistakenly beginning a V02a sked.)	CW	1-3-2012	Thu	1923	(MS)
6785	V02a	A 24851 (Stn up late and IP. This should be a M08a sked.)	AM	8-3-2012	Thu	1923	(MS)
6785	V02a	A 14241 6..2. 1...1 1902-1913 UTC. (Expected M08a here. Xmsn very garbled. Stn down at 1913z in mid-message and returned 10 minutes later as M08a)	AM	1-3-2012	Thu	1902	(MS)
6785	M08a	73402 76441 27651	CW	23-3-2012	Fri	1900	(MS)
6785	M08a	.83.. 50081 .387. (The signal was too garbled for copy)	CW	5-3-2012	Mon	1900	(MS)
6785	M08a	08801 50442 24032	CW	28-3-2012	Wed	1900	(MS)
6804	V07	SS/YL. 705 705 705 1	AM	27-3-2012	Tue	0730	(Avare)
6804	M12	ip.	CW	1-3-2012	Thu	1843	(FMB)
6812	M32	ZDMR: Russian military "ZDMR QTC 064 8 11 2144 064 = ZCF173 ="	CW	11-3-2012	Sun	1726	(PPA)
6814	E11a	432/38	USB	22-3-2012	Thu	0820	(AB)
6814	E11	438/00	USB	8-3-2012	Thu	0820	(HFD)
6814	E11	438/00	USB	8-3-2012	Thu	0820	(HS2)
6830	S06s	176	USB	5-3-2012	Mon	1610	(HFD)
6835.37	OLO32	Czech intel Prague encrypted traffic	SITOR-B 100/170	3-3-2012	Sat	1746	(PPA)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	28-3-2012	Wed	1120	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5)	CW	21-3-2012	Wed	2020	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K	CW	22-3-2012	Thu	1921	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5)	CW	27-3-2012	Tue	1824	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	31-3-2012	Sat	2119	(JPL)
6840	M89	vvv Q2M Q2M Q2M de NYZ NYZ NYZ	CW	25-3-2012	Sun	1825	(FN)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5)	CW	27-3-2012	Tue	2221	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	29-3-2012	Thu	1320	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	13-3-2012	Tue	2220	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	13-3-2012	Tue	2320	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	14-3-2012	Wed	1820	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K In Progress) //4860	CW	15-3-2012	Thu	1223	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	16-3-2012	Fri	1321	(JPL)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	16-3-2012	Fri	1721	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	3-3-2012	Sat	1920	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	28-3-2012	Wed	1420	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	25-3-2012	Sun	1720	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5)	CW	25-3-2012	Sun	1520	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	2-3-2012	Fri	1420	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	18-3-2012	Sun	1620	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //10640	CW	28-3-2012	Wed	0220	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	4-3-2012	Sun	1920	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	12-3-2012	Mon	1320	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	1-3-2012	Thu	2319	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	9-3-2012	Fri	0020	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	4-3-2012	Sun	1520	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	5-3-2012	Mon	1420	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (In progress) //4860	CW	19-3-2012	Mon	1423	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	8-3-2012	Thu	1220	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	1-3-2012	Thu	1719	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	7-3-2012	Wed	1820	(JPL)
6840	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //4860	CW	19-3-2012	Mon	1920	(JPL)
6846	E07a	188 1 36562 416 49 44021 ... 27480 000 000	USB	8-3-2012	Thu	0610	(Spec)
6852	M51	ip.	CW	6-3-2012	Tue	1807	(FMB)
6853	M51	In progress "GIEZC DRSDA LWLAZ EQUYJ ZEULC INWEI PDXIM TGTVR CXIBU BT NR O7 M 07 17:22:21 1984 BT FTCDY EHYRN CIMEM"	CW	7-3-2012	Wed	1622	(WP3)
6854	M08a	54411 03341 44552 (This stn should be on 8009m.)	CW	8-3-2012	Thu	2200	(MS)
6854	M08a	05762 04742 40872	CW	28-3-2012	Wed	2200	(MS)
6854	M08a	05082 34782 75002	CW	7-3-2012	Wed	2200	(MS)
6854	M08a	62161 48451 16322	CW	29-2-2012		2100	(MS)
6855	V02a	A 62281 07762 13121	AM	19-3-2012	Mon	0300	(MS)
6859	E11	576/00	USB	30-3-2012	Fri	2000	(BCI)
6873	E07	288 1	AM	5-3-2012	Mon	2040	(HFD)
6899	M51	BT 18 M 14 15:37:53 1984	CW	14-3-2012	Wed	1435	(ML4)
6899	M51	ip.	CW	5-3-2012	Mon	1600	(FMB)
6904	M12	257 1	CW	12-3-2012	Mon	1940	(HFD)
6904	M12	257 1	CW	12-3-2012	Mon	1840	(HFD)
6904	M12	257 1	CW	19-3-2012	Mon	1740	(HFD)
6904	M12	257 1 8617 54 45284 70698 45603 ... 58378 000 000 (first time not heard should b	CW	19-3-2012	Mon	1840	(CG)
6904	M12	(ip.) ttt ttt	USB	22-3-2012	Thu	1945	(FMB)
6904	M12	ip	CW	19-3-2012	Mon	1743	(FMB)
6904	M12	... 41827 000 000	CW	12-3-2012	Mon	1840	(CG)
6904	M12	257 1 6689 84 78525 08702 46536 ... 24967 000 000	CW	12-3-2012	Mon	1940	(CG)
6904	M12	257 1 9251 74 33552 72751 24641 ... 81825 000 000	CW	19-3-2012	Mon	1940	(CG)
6919	M51	5LG // 6853 kHz	CW	7-3-2012	Wed	1631	(WP3)
6919	M51	ip.	CW	8-3-2012	Thu	1830	(FMB)
6929	M12	890 1	CW	22-3-2012	Thu	0500	(HFD)
6930	S6930	Treugol'nik 52117 Kolokol 30 17 02 7 priyom	USB	12-3-2012	Mon	1646	(ScSw)
6930	S6930	Message	USB	3-3-2012	Sat	0637	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		1015	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		1130	(ScSw)
6930	S06s	374 250 6 14520 45639 56206 38946 22977 34567 250 6 00000	USB	6-3-2012	Tue	0715	(ScSw)
6930	S6930	Message	USB	4-3-2012	Sun	0844	(ScSw)
6930	S6930	Message	USB	19-3-2012	Mon	0852	(ScSw)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
6930	S6930	Kvadrat-41 calling Triugolnik-43, Oval-42.	USB	28-2-2012		0927	(ScSw)
6930	S6930	Roza-15 97615 Farfor 7224 9339 Priyom	USB	2-3-2012	Fri	1547	(ScSw)
6930	S6930	Treugol'nik-43, ya Kvadrat-41, kak slyshitye, priyom! (see N&O 174)	USB	28-2-2012		1118	(ScSw)
6930	S6930	Triugolnik-43 10735 Evnukh 1149 0983 Priyom	USB	5-3-2012	Mon	0758	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		1106	(ScSw)
6930	S6930	Message	USB	4-3-2012	Sun	0954	(ScSw)
6930	S6930	Katok-65 16492 Muruzun 25 78 72 098 priyom	USB	14-3-2012	Wed	0727	(ScSw)
6930	S6930	Katok-65 55455 Yg 75 57 45 53 priyom	USB	4-3-2012	Sun	1623	(ScSw)
6930	S6930	Tora-80 26 614 NOSOROG 75 14 23	USB	5-3-2012	Mon	0807	(ScSw)
6930	S6930	Oval-42 29416 Karta 59 65 96 51 priyom	USB	17-3-2012	Sat	1537	(ScSw)
6930	S6930	Message	USB	1-3-2012	Thu	1729	(ScSw)
6930	S6930	Katok-65 71738 Vudro 49 85 59 77 priyom	USB	15-3-2012	Thu	0824	(ScSw)
6930	S6930	Partial message	USB	1-3-2012	Thu	1213	(ScSw)
6930	S6930	Message	USB	5-3-2012	Mon	1211	(ScSw)
6930	S6930	Baska-31 66 774 GOROD 95 58 33 74	USB	5-3-2012	Mon	0815	(ScSw)
6930	S6930	Message	USB	17-3-2012	Sat	0753	(ScSw)
6930	S6930	Oval-42 69 841 ZANAVES 77 94 73 76	USB	5-3-2012	Mon	1420	(ScSw)
6930	S6930	Message	USB	2-3-2012	Fri	1152	(ScSw)
6930	S6930	Katok-65 38 519 KOREN? 37 32 65 18	USB	6-3-2012	Tue	0558	(ScSw)
6930	S06s	374	USB	27-3-2012	Tue	0715	(HFD)
6930	S6930	Message	USB	5-3-2012	Mon	1410	(ScSw)
6930	S6930	Message	USB	5-3-2012	Mon	1618	(ScSw)
6930	S6930	Katok-65 93434 Anomaliya 29 16 37 35 priyom	USB	14-3-2012	Wed	1210	(ScSw)
6930	S6930	Message	USB	2-3-2012	Fri	1604	(ScSw)
6930	S6930	Message	USB	5-3-2012	Mon	1820	(ScSw)
6930	S6930	Test count	USB	2-3-2012	Fri	0805	(ScSw)
6930	S6930	Message	USB	27-2-2012		1603	(ScSw)
6930	S6930	Message	USB	6-3-2012	Tue	0802	(ScSw)
6930	S6930	Message	USB	12-3-2012	Mon	0726	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		1206	(ScSw)
6930	S6930	Message	USB	8-3-2012	Thu	1147	(ScSw)
6930	S6930	Message	USB	19-3-2012	Mon	0837	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		1053	(ScSw)
6930	S6930	Lazer-21 52429 Ostrije 2802 6667 Priyom	USB	6-3-2012	Tue	0809	(ScSw)
6930	S6930	Katok-65 19129 Vertel 9370 8118 Priyom	USB	6-3-2012	Tue	1241	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0933	(ScSw)
6930	S6930	Message	USB	4-3-2012	Sun	1141	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		1214	(ScSw)
6930	S6930	Message	USB	19-3-2012	Mon	0545	(ScSw)
6930	S6930	Lazer-21 19129 Vertel 9370 8118 Priyom	USB	6-3-2012	Tue	1258	(ScSw)
6930	S6930	Message	USB	28-2-2012		0759	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0843	(ScSw)
6930	S6930	calling	USB	28-2-2012		0931	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0848	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0857	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0859	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0901	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0911	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0914	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0925	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		0953	(ScSw)
6930	S6930	Message	USB	12-3-2012	Mon	1232	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		1228	(ScSw)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
6930	S6930	calling stations	USB	28-2-2012		1300	(ScSw)
6930	S6930	Kvadrat-41 calling Triugolnik-43, Konus-48, Oval-42, Krug-45, Rop-4	USB	28-2-2012		1304	(ScSw)
6930	S6930	Tora-80 52 429 OSTRIE 28 02 66 67	USB	6-3-2012	Tue	0751	(ScSw)
6930	S6930	Katok-65 80607 Khronomyutr 73 19 61 75 priyom	USB	28-2-2012		1559	(ScSw)
6930	S6930	Konus-48 17241 Skoba 86 30 61 66 priyom	USB	12-3-2012	Mon	1636	(ScSw)
6930	S6930	Message	USB	29-2-2012		0601	(ScSw)
6930	S6930	Message	USB	29-2-2012		0805	(ScSw)
6930	S6930	calling stations	USB	28-2-2012		1224	(ScSw)
6930	S6930	Message	USB	29-2-2012		0817	(ScSw)
6930	S6930	Konus-48, ya Kvadrat-41, kak slyshitye, priyom! (see N&O 174)	USB	29-2-2012		0938	(ScSw)
6930	S6930	Message	USB	1-3-2012	Thu	0615	(ScSw)
6930	S6930	Message	USB	1-3-2012	Thu	0827	(ScSw)
6932	M08a	05762 04742 40872	CW	28-3-2012	Wed	2100	(MS)
6932	M08a	(Late start already IP xmsn very garbled. No callups copied.)	CW	1-3-2012	Thu	2102	(MS)
6932	M08a	47331 42052	CW	29-3-2012	Thu	2100	(MS)
6942	S06	314 0	AM	3-3-2012	Sat	2030	(HFD)
6949	M51	FAV22: 5LG	CW	16-3-2012	Fri	0852	(WP3)
6949	M51	bt nr 08 m 06 19:33:19 1984 bt	CW	6-3-2012	Tue	1833	(PPA)
6949	M51	ip.	CW	6-3-2012	Tue	1807	(FMB)
6956	M32	RMW46: Russian military radio checks ZSA? with RFH46 RGR91 RGR93 RGR94 RGR95 and RGR98	CW	4-3-2012	Sun	0415	(PPA)
6977	M03	798/31	CW	27-3-2012	Tue	1535	(HFD)
6977	M03	798/31 = 60313 95607....	CW	27-3-2012	Tue	1535	(HS2)
7000	M18	Beacon "F"	CW	11-1-2012		1644	
7038.7	MX	Beacon "D"	CW	20-3-2012	Tue	2006	(JPL)
7038.9	MX	Beacon "S"	CW	20-3-2012	Tue	2006	(JPL)
7039	MX	Beacon "C"	CW	20-3-2012	Tue	2006	(JPL)
7242	S06s	537	USB	6-3-2012	Tue	1510	(HFD)
7242	S06s	537 210 6 67453 78697 90756 45323 56552 12110 210 6 00000	USB	27-3-2012	Tue	1510	(HS2)
7317	S11a	482/36	USB	9-3-2012	Fri	0915	(AB)
7317	S11a	484/00	USB	30-3-2012	Fri	0915	(AB)
7317	S11a	484/00. At 0913 UTC: carrier up + "VVV" in morse	USB	23-3-2012	Fri	0915	(AB)
7317	S11a	48#/36	USB	9-3-2012	Fri	0915	(HFD)
7317	S11a	484/00	USB	9-3-2012	Fri	0915	(Spec)
7317	S11a	484/00	USB	20-3-2012	Tue	0915	(Spec)
7317	S11a	484/00	USB	16-3-2012	Fri	0915	(Spec)
7335	S06s	745 (R4) 201 6 13965 44610 11532 64046 25994 41645 201 6 00000	USB	7-3-2012	Wed	0830	(AB)
7335	S06s	745 (R4) 281 6 98654 67870 24351 67856 89076 09080 281 6 00000	USB	21-3-2012	Wed	0830	(AB)
7340	S06s	893 506 7 10293 68745 75231 08935 45321 79876 35012 506 7 00000	USB	27-3-2012	Tue	1010	(HS2)
7340	S06s	893 514 6 75643 89056 12316 56423 89504 80413	USB	6-3-2012	Tue	1010	(HS2)
7340	S06s	893	USB	6-3-2012	Tue	1010	(HFD)
7361	M32	Russian Mil RFFA wkg RFFR and RFFN	CW	12-3-2012	Mon	0711	(BCI)
7392	M51	ip	CW	18-3-2012	Sun	1220	(FMB)
7392.5	M51	nr 07 m 15 11:52:13 1984 = 100 x 5LG message	CW	18-3-2012	Sun	1050	(FN)
7392.5	M51	100 x 5LG messages	CW	18-3-2012	Sun	1430	(FN)
7441	M42	Russian Gov. PR6O wkg 7ZGR with op-chat and radio checks. QSY 15883 kHz	CW	3-2-2012		0512	(ALF)
7449	E11a	460/36 A 38553 36024 44621	USB	6-3-2012	Tue	1045	(HS2)
7449	E11a	460/36	USB	7-3-2012	Wed	1045	(AB)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
7449	E11a	460/36=38553	USB	6-3-2012	Tue	1045	(HFD)
7449	E11	469/00	USB	27-3-2012	Tue	1045	(HS2)
7449	E11	469/00	USB	21-3-2012	Wed	1045	(Spec)
7449	E11	469/00	USB	13-3-2012	Tue	1045	(Spec)
7462	XPA	304 304 304 000 304 304 304 000 304 304 304 000 6 05634 00001 00000 10140	MFSK	13-3-2012	Tue	1940	(AIK)
7462	XPA	304 304 304 1 304 304 304 1 304 304 304 1 00613 00215 27643 ...	MFSK	20-3-2012	Tue	1939	(AIK)
7462	XPA	msg	MFSK	6-3-2012	Tue	1940	(HFD)
7463	XPA2	ip.	USB	22-3-2012	Thu	1944	(FMB)
7471	E06	154 0	AM	18-3-2012	Sun	1120	(HFD)
7516	E07	584 1-496/52=15862	AM	8-3-2012	Thu	2110	(HFD)
7519	M08a	44251 47152 68432	CW	26-3-2012	Mon	2200	(MS)
7519	M08a	14731 57641 18851	CW	29-2-2012		2100	(MS)
7519	M08a	55031 72412 86861	CW	30-3-2012	Fri	2200	(MS)
7519	M08a	60002 08841 38361	CW	28-3-2012	Wed	2200	(MS)
7519	M08a	65682 78572 02282	CW	7-3-2012	Wed	2200	(MS)
7519	M08a	63651 66612 17722	CW	23-3-2012	Fri	2200	(MS)
7519	M08a	37521 36401 57872	CW	19-3-2012	Mon	2200	(MS)
7519	M08a	71851 76612 76112	CW	9-3-2012	Fri	2200	(MS)
7519	M08a	30011 80652 70201	CW	16-3-2012	Fri	2200	(MS)
7519	M08a	20521 60212 84662	CW	14-3-2012	Wed	2200	(MS)
7519	M08a	12761 67221 18431	CW	12-3-2012	Mon	2200	(MS)
7526	M08a	47631 20851 40231	CW	6-3-2012	Tue	2200	(MS)
7526	M08a	42822 66552 66101 (Stn having xmtr problems. Cutting out badly.)	CW	13-3-2012	Tue	2200	(MS)
7526	M08a	03251 34711 50112	CW	27-3-2012	Tue	2200	(MS)
7526	M08a	04651 03631 23011	CW	20-3-2012	Tue	2200	(MS)
7554	M08a	08801 50442 24032	CW	28-3-2012	Wed	2000	(MS)
7554	M08a	05682 08632 40741	CW	29-2-2012		2000	(MS)
7554	M08a	68312 16572 31032	CW	29-3-2012	Thu	2000	(MS)
7554	M08a	78382 50081 23871	CW	5-3-2012	Mon	2000	(MS)
7554	M08a	00351 72722 28852	CW	1-3-2012	Thu	2000	(MS)
7554	M08a	52551 63222 62862	CW	7-3-2012	Wed	2000	(MS)
7554	M08a	31011 30081 75121	CW	12-3-2012	Mon	2000	(MS)
7579	M08a	61351 44322 27211	CW	5-3-2012	Mon	1300	(MS)
7579	M08a	24741 76181 28142	CW	13-3-2012	Tue	1300	(MS)
7579	M08a	18031 37632 01532	CW	30-3-2012	Fri	1300	(MS)
7579	M08a	02551 06451 21811	CW	6-3-2012	Tue	1300	(MS)
7579	M08a	70811 84561 74061	CW	9-3-2012	Fri	1300	(MS)
7579	M08a	83752 17631 32181	CW	2-3-2012	Fri	1300	(MS)
7579	M08a	03151 03731 76622	CW	1-3-2012	Thu	1300	(MS)
7579	M08a	 61551 81042 (Came in late and missed first callup)	CW	12-3-2012	Mon	1300	(MS)
7579	M08a	12345 67890 (Sent this over and over for 28 minutes and stopped. I guess a null message.)	CW	7-3-2012	Wed	1300	(MS)
7579	M08a	63222 15512 21862	CW	28-3-2012	Wed	1300	(MS)
7579	M08a	72312 20621 44171	CW	15-3-2012	Thu	1300	(MS)
7579	M08a	36612 18722 50032	CW	23-3-2012	Fri	1300	(MS)
7579	M08a	22012 88201 66261	CW	29-2-2012		1300	(MS)
7579	M08a	Transmitter is garbling badly	CW	20-3-2012	Tue	1300	(MS)
7579	M08a	12062 15012 56221	CW	14-3-2012	Wed	1300	(MS)
7579	M08a	53082 73541 03022	CW	26-3-2012	Mon	1300	(MS)
7579	M08a	51811 75542 58332	CW	16-3-2012	Fri	1300	(MS)
7579	M08a	08642 24762 28642	CW	8-3-2012	Thu	1300	(MS)
7579	M08a	47782 84101 31232	CW	27-3-2012	Tue	1300	(MS)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
7579	M08a	57622 07152 58362	CW	21-3-2012	Wed	1300	(MS)
7579	M08a	64342 32471 56831	CW	29-3-2012	Thu	1300	(MS)
7579	M08a	 71032 06341 Missed first callup.	CW	22-3-2012	Thu	1300	(MS)
7580	V13	New Star in progress	USB	23-3-2012	Fri	0606	(AB-HK)
7580	V13	New Star in progress	USB	22-3-2012	Thu	1202	(AB-SIB)
7580	V13	New Star in progress	USB	29-3-2012	Thu	1209	(AB-HK)
7580	V13	New Star in progress	USB	1-3-2012	Thu	0603	(AB-HK)
7580	V13	New Star in progress	USB	26-3-2012	Mon	1305	(AB-HK)
7580	V13	New Star #4. Flute tune followed by coded messages	USB	9-3-2012	Fri	1300	(AB)
7580	V13	New Star in progress	USB	14-3-2012	Wed	1302	(AB-AUS)
7580	V13	New Star in progress	USB	17-3-2012	Sat	1211	(AB-HK)
7580	V13	New Star. Barely audible	USB	8-3-2012	Thu	1210	(AB-HK)
7580	V13	New Star in progress	USB	7-3-2012	Wed	1318	(AB-HK)
7580	V13	New Star in progress	USB	6-3-2012	Tue	1206	(AB-HK)
7580	V13	New Star #4. Flute tune, voice mostly unreadable	USB	31-3-2012	Sat	0600	(AB-HK)
7580	V13	New Star in progress	USB	1-3-2012	Thu	1303	(AB-HK)
7580	V13	New Star #4. Flute tune + coded messages	USB	29-3-2012	Thu	1200	(AB-HK)
7580	V13	New Star in progress	USB	18-3-2012	Sun	0612	(AB-HK)
7580	V13	New Star in progress	USB	16-3-2012	Fri	1310	(AB-HK)
7580	V13	New Star #4 in progress	USB	2-3-2012	Fri	0613	(AB-HK)
7580	V13	New Star #4 in progress	USB	2-3-2012	Fri	1312	(AB-HK)
7580	V13	New Star #4. Flute tune + coded messages	USB	26-3-2012	Mon	1200	(AB-HK)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	31-3-2012	Sat	0142	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	2-3-2012	Fri	2336	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	2-3-2012	Fri	0345	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	4-3-2012	Sun	0253	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	4-3-2012	Sun	2356	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	27-3-2012	Tue	0222	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	9-3-2012	Fri	0001	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	8-3-2012	Thu	2337	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	5-3-2012	Mon	0002	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	7-3-2012	Wed	0134	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	20-3-2012	Tue	0307	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	1-3-2012	Thu	2327	(JPL)
7582	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW	28-3-2012	Wed	0159	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	23-3-2012	Fri	1726	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	21-3-2012	Wed	1911	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	7-3-2012	Wed	1912	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	18-3-2012	Sun	1918	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	29-3-2012	Thu	1319	(JPL)
7602	M42	Russian Intel. No msg for "576"	Baudot 200/500 1,5sb (ACF=15)	1-3-2012	Thu	2000	(linkz)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	5-3-2012	Mon	1639	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	30-3-2012	Fri	1942	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	30-3-2012	Fri	1958	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	27-3-2012	Tue	0140	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	1-3-2012	Thu	2209	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	2-3-2012	Fri	1901	(JPL)
7602	M89	V DKG6 de 3A7D.	CW	21-3-2012	Wed	1946	(MPJ)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	12-3-2012	Mon	2105	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	5-3-2012	Mon	1407	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	14-3-2012	Wed	1815	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	8-3-2012	Thu	2322	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd) //3642	CW	21-3-2012	Wed	2004	(JPL)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	22-3-2012	Thu	0011	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	9-3-2012	Fri	0028	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	25-3-2012	Sun	1727	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	3-3-2012	Sat	1843	(JPL)
7602	M89	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW	15-3-2012	Thu	1814	(JPL)
7602	M42	unid Baudot 200 Bd/500 Hz	USB	22-3-2012	Thu	2000	(FMB)
7605	S06s	471 (R4) 923 5 46301 68335 12550 23951 74446 923 5 00000	USB	7-3-2012	Wed	0820	(AB)
7605	S06s	471 (R4) 925 6 78364 56239 01998 23435 74490 12098 925 6 00000	USB	21-3-2012	Wed	0820	(AB)
7605	S06s	471-923/5=46301	USB	7-3-2012	Wed	0820	(HFD)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //7607	CW	18-3-2012	Sun	1148	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	13-3-2012	Tue	1428	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	19-3-2012	Mon	1427	(JPL)
7607	M89	V WITN WITN WITN DE GNXG GNXG	CW	6-3-2012	Tue	1750	(PPA)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	22-3-2012	Thu	2233	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	22-3-2012	Thu	1920	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	5-3-2012	Mon	1406	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	31-3-2012	Sat	1457	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) QSY from 7607 day freq	CW	31-3-2012	Sat	2305	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	20-3-2012	Tue	1912	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	16-3-2012	Fri	1328	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	31-3-2012	Sat	1802	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	15-3-2012	Thu	1825	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	15-3-2012	Thu	1227	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) QSY to 10779 night freq	CW	31-3-2012	Sat	2153	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	31-3-2012	Sat	1711	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	16-3-2012	Fri	1515	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	9-3-2012	Fri	1542	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	27-3-2012	Tue	2141	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	28-3-2012	Wed	1500	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	25-3-2012	Sun	1702	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	27-3-2012	Tue	1529	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	31-3-2012	Sat	2128	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	25-3-2012	Sun	1526	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	25-3-2012	Sun	2232	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	30-3-2012	Fri	2000	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	25-3-2012	Sun	2226	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	30-3-2012	Fri	1944	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590	CW	28-3-2012	Wed	1835	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	25-3-2012	Sun	1728	(JPL)
7607	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //4590 Svc Comm msgs sent at 1328z and 1342z	CW	29-3-2012	Thu	1326	(JPL)
7612	S06	134 0	AM	10-3-2012	Sat	1605	(HFD)
7612	S06	134 0	AM	17-3-2012	Sat	1605	(HFD)
7612	S06	134 00000	USB	17-3-2012	Sat	1605	(Spec)
7623	M14	269(R3) 228 228 37 37 == 33199 20349 (gr= 38!)... 27926 12343== 228 228 37 37 tt	CW	18-3-2012	Sun	0600	(FMB)
7688	V13	New Star in progress	USB	1-3-2012	Thu	0706	(AB-HK)
7688	V13	New Star #3. Flute tune + coded messages	USB	30-3-2012	Fri	0700	(AB-HK)
7688	V13	New Star in progress	USB	1-3-2012	Thu	0804	(AB-HK)
7688	V13	New Star in progress	USB	26-3-2012	Mon	0707	(AB-HK)
7688	V13	New Star in progress	USB	18-3-2012	Sun	0713	(AB-HK)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
7688	V13	New Star #3. Flute tune + coded messages	USB	2-3-2012	Fri	0700	(AB-HK)
7688	V13	New Star #3. Flute tune + coded messages	USB	2-3-2012	Fri	0800	(AB-HK)
7688	V13	New Star #3. Flute tune + coded messages	USB	3-3-2012	Sat	0800	(AB-HK)
7688	V13	New Star in progress	USB	25-3-2012	Sun	0702	(AB-HK)
7688	V13	New Star in progress	USB	18-3-2012	Sun	0803	(AB-HK)
7688	V13	New Star #3. Flute tune + coded messages	USB	31-3-2012	Sat	0800	(AB-HK)
7688	V13	New Star in progress	USB	5-3-2012	Mon	0717	(AB-HK)
7688	V13	New Star in progress	USB	26-3-2012	Mon	0814	(AB-HK)
7688	V13	New Star #3 in progress	USB	27-3-2012	Tue	0708	(AB-HK)
7688	V13	New Star in progress	USB	16-3-2012	Fri	0810	(AB-HK)
7688	V13	New Star #3. Flute tune + coded messages	USB	23-3-2012	Fri	0800	(AB-HK)
7697	E07	906 906 906 1... 165 86 165 86 61085 54412 73020 34437	AM	7-3-2012	Wed	1840	(AIK)
7697	E07	906 1	AM	7-3-2012	Wed	1840	(HFD)
7697	E07	906 1 251 94 61937 ... 21853 000 000	AM	14-3-2012	Wed	1840	(Spec)
7795	S06s	196 196 196 000000	USB	30-3-2012	Fri	0700	(AB)
7795	S06s	196 (R4) 473 5 77653 89912 56735 25189 41060 473 5 00000	USB	23-3-2012	Fri	0700	(AB)
7795	S06s	196-837/5=50507	USB	2-3-2012	Fri	0700	(HFD)
7844	M51	nr 07 m 15 11:52:13 1984 = 100 x 5LG message	CW	18-3-2012	Sun	1050	(FN)
7844	M51	ip	CW	18-3-2012	Sun	1220	(FMB)
7844	M51	ip	CW	19-3-2012	Mon	1540	(FMB)
7853	M32	PKDQ: CIS Military. Weak. PKQD comms check with at least G.ZB, XOB., K3X8, DN2., GRHQ, .BBS	CW	21-3-2012	Wed	1233	(MPJ)
7858	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1910	(FMB)
7862	M42	unid fsk 200 Bd/1000 Hz	USB	17-3-2012	Sat	1755	(FMB)
7862	M42	fsk 200 Bd/1000 Hz	USB	23-3-2012	Fri	1755	(FMB)
7862	E11	757/00	USB	3-3-2012	Sat	2000	(CG)
7862	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1755	(FMB)
7862	M42	unid fsk 200Bd/1000Hz	USB	19-3-2012	Mon	1755	(FMB)
7873	E07	288 1	AM	5-3-2012	Mon	2020	(HFD)
7873	E07	(ip) 000	USB	21-3-2012	Wed	2020	(FMB)
7890	SK01		RDFT	13-3-2012	Tue	1030	(MS)
7931	M12	257 257 257 1 => 5F msg	CW	26-3-2012	Mon	1720	(PPA)
7931	M12	257 1	CW	12-3-2012	Mon	1820	(HFD)
7931	M12	257 1	CW	19-3-2012	Mon	1720	(HFD)
7931	M12	257 1	CW	12-3-2012	Mon	1920	(HFD)
7931	M12	257 1 6689 84 78525 08702 46536 ... 24967 000 000 last grp above is wrong	CW	12-3-2012	Mon	1920	(CG)
7931	M12	257 1 9251 74 33552 72751 24641 ... 81825 000 000 (loud)	CW	19-3-2012	Mon	1920	(CG)
7931	M12	ip.	CW	22-3-2012	Thu	1923	(FMB)
7931	M12	257 1 8617 54 45284 70698 45603 ... 58378 000 000 (first time not heard should	CW	19-3-2012	Mon	1820	(CG)
7932	M32	Russian military "JPHE DE IKKJ QTC"	CW	28-3-2012	Wed	0406	(PPA)
7935	M42	Russian Gov/Intel. "NT9P DE K4MT QRV QSA?" Into RTTY sending 109 5FGs msg header 199 109 23 0550 1988 =	CW + Baudot 1.5st/50/500	23-3-2012	Fri	0540	(PPA)
7939	M32	CIS military. Simplex frequency. "GSXM DE V6MU QSA?"	CW	23-3-2012	Fri	0540	(PPA)
7941	M32	CIS military "4OLJ DE 1FOP"	CW	5-3-2012	Mon	1814	(PPA)
7941	M32	CIS military "CI1D DE 8IOZ"	CW	23-3-2012	Fri	1814	(PPA)
7964	M32	Russian mil. Duplex net. 5Z2P clg T9DK for QTC 934 19 26 2050 934 = 398 =	CW	26-3-2012	Mon	1700	(PPA)
7964	M32a	Russian Navy RMP	CW	11-3-2012	Sun	1913	(ML4)
7964	M32	MZ1Q: Russian military. Duplex net calling YTXD	CW	11-3-2012	Sun	1907	(PPA)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
7966	M51	100 x 5LG messages	CW	18-3-2012	Sun	1430	(FN)
7989	M32	CIS mil. "OWVL DE ZRPA"	CW	28-3-2012	Wed	0402	(PPA)
7994	M32	Russian mil. Duplex. "TB5X radio checks with V8WY"	CW	23-3-2012	Fri	0512	(PPA)
7994	M32	4SPH: CIS Military. VVVVs then XXX 4SPH 17705 AL-AMAN 9661 2316 K.	CW	29-3-2012	Thu	1244	(MPJ)
7994	M32	Russian Mil: "VVVVV 1G3H de XXQP K"	CW	12-3-2012	Mon	0503	(VL)
7994	M21	Russian Air Defence =99?0826?9?????	CW	28-3-2012	Wed	0426	(PPA)
8009	M08a	44251 47152 68432	CW	26-3-2012	Mon	2300	(MS)
8009	M08a	21031 07321 48432	CW	19-3-2012	Mon	2300	(MS)
8009	M08a	41401 21011 62121 (This stn should be on 6854m.)	CW	8-3-2012	Thu	2200	(MS)
8009	M08a	64711 27621 16421	CW	15-3-2012	Thu	2200	(MS)
8009	M08a	68041 85101 84802	CW	29-3-2012	Thu	2200	(MS)
8009	M08a	44842 41122 14011	CW	5-3-2012	Mon	2300	(MS)
8009	M08a	12761 67221 18431	CW	12-3-2012	Mon	2300	(MS)
8015	M51	ip.	CW	5-3-2012	Mon	1600	(FMB)
8016	M51	French Mil 5LG's	CW	3-3-2012	Sat	0655	(Jon-FL)
8016	M51	nr 07 m 15 11:52:13 1984 = 100 x 5LG message	CW	18-3-2012	Sun	1050	(FN)
8026	M42	unid fsk 200/1000Hz	USB	6-3-2012	Tue	1220	(FMB)
8027	M12	89t 1	CW	8-3-2012	Thu	0521	(FMB)
8029	M12	890 1	CW	22-3-2012	Thu	0520	(HFD)
8040	M89	V H2FL (x3) DE DRV8 (x2) (Cont'd) //6773	CW	2-3-2012		2342	(JPL)
8040	S06s	176-834/5=19867	USB	5-3-2012	Mon	1600	(HFD)
8062	XPA	msg	MFSK	6-3-2012	Tue	1920	(HFD)
8062	XPA	304 304 304 000 304 304 304 000 304 304 304 000 6 05634 00001 00000 10140	MFSK	13-3-2012	Tue	1920	(AIK)
8062	XPA	304 304 304 1 304 304 304 1 304 304 304 1 00613 00215 27643 ...	MFSK	20-3-2012	Tue	1920	(AIK)
8062	XPA	304 1 00208 00189 26620 52444	MFSK	29-3-2012	Thu	1920	(HS2)
8063	XPA2	ip.	USB	22-3-2012	Thu	1923	(FMB)
8067	M42	Russian diplo	CROWD-36	10-3-2012	Sat	1924	(PPA)
8078	XPA	msg	MFSK	13-3-2012	Tue	0540	(HFD)
8089	M14	(i.p.) 78163 78163==269 269 120 120 ttttt(rpt 16:53 19.03.2012 10935 kHz)	CW	19-3-2012	Mon	1716	(FMB)
8096	M08a	24741 76181 28142	CW	13-3-2012	Tue	1400	(MS)
8096	M08a	08642 24762 28642	CW	8-3-2012	Thu	1400	(MS)
8096	M08a	03402 82642 22161	CW	22-3-2012	Thu	1400	(MS)
8096	M08a	57622 07152 58362	CW	21-3-2012	Wed	1400	(MS)
8096	M08a	61351 44322 27211	CW	5-3-2012	Mon	1400	(MS)
8096	M08a	DGI	CW	8-3-2012		1400	
8096	M08a	03151 03731 76622	CW	1-3-2012	Thu	1400	(MS)
8096	M08a	02551 06451 21811	CW	6-3-2012	Tue	1400	(MS)
8096	M08a	83752 17631 32181	CW	2-3-2012	Fri	1400	(MS)
8096	M08a	70811 84561 74061	CW	9-3-2012	Fri	1400	(MS)
8096	M08a	21321 46801 45441	CW	7-3-2012	Wed	1400	(MS)
8096	M08a	36612 18722 50032	CW	23-3-2012	Fri	1400	(MS)
8096	M08a	35442 51172 71452	CW	19-3-2012	Mon	1400	(MS)
8096	M08a	 61551 81042 (Stn started late and came up IP)	CW	12-3-2012	Mon	1400	(MS)
8096	M08a	51811 75542 58332	CW	16-3-2012	Fri	1400	(MS)
8096	M08a	62871 02431 27881	CW	20-3-2012	Tue	1400	(MS)
8096	M08a	72312 20621 44171	CW	15-3-2012	Thu	1400	(MS)
8096	M08a	12062 15012 56221	CW	14-3-2012	Wed	1400	(MS)
8096	M08a	64342 32471 56831	CW	29-3-2012	Thu	1400	(MS)
8096	M08a	22012 88201 66261	CW	29-2-2012		1400	(MS)
8097	M08a	15781 84612 00061	CW	9-3-2012	Fri	1900	(MS)
8097	M08a	77072 48341 60722	CW	29-2-2012		1900	(MS)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
8097	M08a	47821 42721 67132	CW	28-3-2012	Wed	1900	(MS)
8097	M08a	85542 50451 24842	CW	14-3-2012	Wed	1800	(MS)
8097	M08a	71771 83021 74211	CW	23-3-2012	Fri	1800	(MS)
8097	M08a	87611 34821 33461	CW	16-3-2012	Fri	1800	(MS)
8097	M08a	85542 50451 24842	CW	14-3-2012	Wed	1900	(MS)
8097	M08a	71771 83021 74211	CW	23-3-2012	Fri	1900	(MS)
8097	M08a	15781 84612 00061	CW	9-3-2012	Fri	1800	(MS)
8097	M08a	 48341 60722 (Stn came up late and already IP)	CW	29-2-2012		1808	(MS)
8097	M08a	06181 10072 50401	CW	30-3-2012	Fri	1800	(MS)
8097	M08a	86382 70551 87351	CW	5-3-2012	Mon	1900	(MS)
8097	M08a	06181 10072 50401	CW	30-3-2012	Fri	1900	(MS)
8097	M08a	 87481 68671 Came in late and missed first callup.	CW	21-3-2012	Wed	1800	(MS)
8097	M08a	87611 34821 33461	CW	16-3-2012	Fri	1900	(MS)
8097	M08a	47821 42721 67132	CW	28-3-2012	Wed	1800	(MS)
8097	M08a	33212 81311 40072	CW	12-3-2012	Mon	1900	(MS)
8097	M08a	86382 70551 87351	CW	5-3-2012	Mon	1800	(MS)
8097	M08a	84751 13611 75401	CW	21-3-2012	Wed	1900	(MS)
8097	M08a	 81311 40072 (Stn started late and came up IP)	CW	12-3-2012	Mon	1800	(MS)
8105	S06s	967 (R4) 824 5 48815 48011 57274 66150 06434 824 5 00000	USB	14-3-2012	Wed	1240	(AB-SUI)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	27-3-2012	Tue	0222	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	8-3-2012	Thu	2337	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582)	CW	2-3-2012	Fri	0345	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	2-3-2012	Fri	2336	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	9-3-2012	Fri	0001	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	20-3-2012	Tue	0307	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	31-3-2012	Sat	0142	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	4-3-2012	Sun	2356	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	1-3-2012	Thu	2327	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	5-3-2012	Mon	0002	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	4-3-2012	Sun	0253	(JPL)
8110	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	28-3-2012	Wed	0159	(JPL)
8116	M12	124 1	CW	22-3-2012	Thu	1840	(HFD)
8116	M12	124 1	CW	29-3-2012	Thu	1740	(HFD)
8116	M12	124 1	CW	29-3-2012	Thu	1840	(HFD)
8116	M12	124 1	CW	20-3-2012	Tue	1910	(HFD)
8116	M12	ip.	CW	16-3-2012	Fri	1843	(FMB)
8117	M42	unid fsk 200Bd/1000Hz	USB	22-3-2012	Thu	1620	(FMB)
8117	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1620	(FMB)
8119.9	M89	V RXP7 RXP7 RXP7 DE CZT2 CZT2	CW	5-3-2012	Mon	1802	(PPA)
8135	M08a	63651 66612 17722	CW	23-3-2012	Fri	2300	(MS)
8135	M08a	 88102 87642 (Stn up late at 2306z broadcasting different msgs than 2200z sked.)	CW	27-3-2012	Tue	2300	(MS)
8135	M08a	54411 03341 44552	CW	8-3-2012	Thu	2300	(MS)
8135	M08a	55031 72412 86861	CW	30-3-2012	Fri	2300	(MS)
8135	M08a	42822 66552 66101	CW	13-3-2012	Tue	2300	(MS)
8135	M08a	71851 76612 76112	CW	9-3-2012	Fri	2300	(MS)
8135	M08a	04651 03631 23011	CW	20-3-2012	Tue	2300	(MS)
8135	M08a	71662 56372 88331 (Sent different messages than the 2200z primary sked.)	CW	6-3-2012	Tue	2300	(MS)
8135	M08a	30011 80652 70201	CW	16-3-2012	Fri	2300	(MS)
8135	M08a	68041 85101 84802	CW	29-3-2012	Thu	2300	(MS)
8135	M08a	57282 08722 40032	CW	2-3-2012	Fri	2300	(MS)
8162	S06	134 0	AM	24-3-2012	Sat	1600	(HFD)
8165	XPA2	ip.	USB	21-3-2012	Wed	2032	(FMB)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
8180	SK01		RDFT	6-3-2012	Tue	0900	(MS)
8181	E06	(ip.) 9#5 965 30 30 00000	USB	18-3-2012	Sun	1050	(FMB)
8185	XPA2	ip	USB	21-3-2012	Wed	2020	(FMB)
8186	SK01		RDFT	5-3-2012	Mon	0800	(MS)
8186	SK01		RDFT	13-3-2012	Tue	1000	(MS)
8190	M14	269(R3) 228 228 37 37 == 33199 20349 (gr= 38!)... 27926 12343== 228 228 37 37 tt	CW	18-3-2012	Sun	0700	(FMB)
8190	M14	123456789(R2)	CW	18-3-2012	Sun	0623	(FMB)
8195	M32a	Russian Navy Sevastopol RCV clg RBIZ for radio check after opchat in cw on 12464/10543 kHz	CW	16-3-2012	Fri	0910	(WP3)
8270	S06s	371	USB	7-3-2012	Wed	1910	(HFD)
8313	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	1-3-2012	Thu	1310	(AB)
8313	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	18-3-2012	Sun	1211	(AB-HK)
8313	XSL	About S5 today here	USB	9-3-2012	Fri	1330	(ZW)
8345	M32a	RMGB: Russian navy tanker IMAN qtc to RCV "RMGB 113 17 31 2200 113 = sml for rjh45 rje73 = 31181 99349 10358 41997 31015 = + rmgb k"	CW	31-3-2012	Sat	1810	(WP3)
8345	M32a	Russian naval vessel RMGB tfc to RCV: rmgb 678 17 8 2200 678 = sml for rjh45 rje73 = 08181 99349 10358 41890 00503 10230 40120 54000 70200 81001 22200 01170 20000 08013 = + rmgb k	CW	8-3-2012	Thu	1810	(WP3)
8345	M32a	Russian Navy vessel RMGB "RCV DE RMGB QSA ? QTC K. RMGB 323 17 7 2200 323 BT SML FOR RJH45 RJE73 BT 07181 99349 10358 41798 41103 10130 40215 54000 70200 82012 22200 00170 20000 07013 BT AR RMGB K"	CW	7-3-2012	Wed	1806	(Tom)
8345	M32a	Russian naval vessel RMGB tfc to RCV: "rmgb 261 4 13 0932 261 = sml = 05561 30919 13002 = + rmgb k later: 41110 urezannyj 8649 3602 k"	CW	13-3-2012	Tue	0540	(WP3)
8345	M32a	Russian naval vessel RMGB tfc to RCV: "rmgb 742 19 13 1000 742 = sml for rjh45 rje73 = 13061 99349 10358 41997 à.. 13015 = + rmgb k"	CW	13-3-2012	Tue	0605	(WP3)
8345	M32a	Russian naval vessel RMGB *: unid rus navy RUS 1805 CW tfc to rcv RMGB 113 17 20 2200 113 = SML FOR RJH45 RJE73 = 20181 99349 10358 41998 00702 10170 50220 54002 70200 80000 22200 00180 20000 20013 = + RMGB K OK QRU K	CW	20-3-2012	Tue	1805	(WP3)
8345	M32a	RMGB: Russan Navy tanker IMAN tfc to RCV: "RMGB 459 19 21(?) 1000 459 = SML FOR RJH45 RJE73 = 22061 99349 10358 41998 00000 10170 40200 54000 72000 80000 22200 00190 20000 88000 80000 22015 = + RMGB K"	CW	22-3-2012	Thu	0605	(WP3)
8345	M32a	Russian Navy RHN85: "RMP de RHN85 qsa ? k"	CW	13-3-2012	Tue	1220	(WP3)
8345	M32a	Russian naval ship RMGB msg to RCV qap k 1810z tfc to rcv rmgb 323 17 7 2200 323 = sml for rjh45 rje73 = 07181 99349 10358 41798	CW	7-3-2012	Wed	1710	(WP3)
8345	M32a	Russian naval ship RMGB tfc to RVC: rmgb 843 19 12 1000 843 = sml for rjh45 rje73 = 12061 99349 10358 41597 à.. 12015 = + rmgb k 2012-03-12 (wp3)	CW	12-3-2012	Mon	0605	(WP3)
8345	M32a	RMGB: Russian navy tanker IMAN tfc to RCV "RMGB 323 17 21 1000 323 = SML FOR RJH45 RJE73 = 21061 99349 10358 41998 21013 = + RMGB K"	CW	21-3-2012	Wed	1805	(WP3)
8345	M32a	RMGB: Russian navy tanker IMAN tfc to RCV "RMGB 741 17 28 2200 741 = SML FOR RJH45 RJE73 = 28181 99349 10358 41698 52311 10140 40135 40000 70200 85222 22000 00200 20000 28013 = + RMGB K"	CW	28-3-2012	Wed	1812	(WP3)
8588	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	1-3-2012	Thu	1310	(AB)
8588	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	18-3-2012	Sun	1211	(AB-HK)
8588	XSL	Good signal, about S6-7, some QRM from carrier	USB	9-3-2012	Fri	1330	(ZW)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
8695	S06s	196 196 196 000000	USB	30-3-2012	Fri	0710	(AB)
8695	S06s	196	USB	2-3-2012	Fri	0710	(HFD)
8695	S06s	196 (R4) 473 5 77653 89912 56735 25189 41060 473 5 00000	USB	23-3-2012	Fri	0710	(AB)
8703.5	XSL	About S5 here today	USB	9-3-2012	Fri	1330	(ZW)
8703.5	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	1-3-2012	Thu	1310	(AB)
8703.5	XSL	Japanese Navy a.k.a. Slot Machine	QPSK 1500bd	18-3-2012	Sun	1211	(AB-HK)
8788	M32a	RIW: Russian Navy Moscow. YL-OP calling RCRE after op-chat on 12464 kHz in CW	USB	21-3-2012	Wed	0931	(WP3)
8789	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //10779	CW	8-3-2012	Thu	2339	(JPL)
8789	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //10779	CW	9-3-2012	Fri	0026	(JPL)
8789	M89	GNXG in tfc - just got tail end of msg	CW	20-3-2012	Tue	2346	(JPL)
8789	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	27-3-2012	Tue	0138	(JPL)
8789	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	5-3-2012	Mon	0001	(JPL)
8789	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	4-3-2012	Sun	2353	(JPL)
8789	M89	Probably GNXG in tfc/chat GA FM GA HI QSL 1115 ?? R R NR 4819/EX 1117 RMKS ...6 RMKS 18779270 01078 92. BT B/D BT B5/B AR AR QSL ? BT BT B5/B BT BT B5/B AR	CW	20-3-2012	Tue	0315	(JPL)
8789	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //10779	CW	27-3-2012	Tue	0225	(JPL)
8789	M89	V WITN (x3) DE GNXG (x2) Svc msg sent at 2331z: VV HR SVC GA NR 49 0730 RMKS 2374 TO 8954 BT COMM/0815/LZ462A/2379/8954 AR AGN (Rpts msg) AR QSL ? HR WK NR 16	CW	8-3-2012	Thu	2327	(JPL)
881	M32b	52555: Russian Naval Air Transport tfc to RJF94 "rcb - qto 0920 qrd xllv xumo qre 1130 qah 5500 qbd 4400 k"	CW	22-3-2012	Thu	0940	(WP3)
8810	M89	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW	7-3-2012	Wed	0134	(JPL)
8816	M32b	Russian Naval Aviation. Airctaft 08258 (An-12) qtc to rjf94 "qth 5345 3830 qtr 1130 qbd 9300 k - qqm xlwf - qto 1424 qrd xlmg xlwf qre 1655 qbd 14000 k - qth 6258 3556 qtr 1525 qbg 6700 k - qth 6622 3334 qtr 1615 qal xlmv 1710 k"	CW	16-3-2012	Fri	1133	(WP3)
8816	M32b	52570: Russian naval air transport qtc to RJF94 "rjc38 qth 6617 3910 qtr 0856 qre xlaa 0925 - qqm xlaa 0927 k"	CW	28-3-2012	Wed	0900	(WP3)
8816	M32a	52555: Russian Naval Air Transport. Tfc to rjf94 rcb 52555 qto 0634 qrd xllv xuwb etc (see N&O 174)	CW	1-3-2012	Thu	0658	(WP3)
8816	M32b	08258: Russian Naval Air Transport "08258 qto 0721 qrd xrrc xlwf qre 1005 qbd 13500 rpt al k - qth 5445 3710 qtr 0832 qbg 7600 - qql xrru 0931 qbd 8000 qre xrrc 1005 - qqm xrrc 1005"	CW	14-3-2012	Wed	0744	(WP3)
8816	M32b	Russian Naval Aviation. Airctaft 08258 (An-12) qtc to rjf94 "08258 qto 0932 qrd xlwf xrrc qre 1255 qbd 14500 k"	CW	16-3-2012	Fri	0952	(WP3)
8816	M32b	66116: "396 396 396 66116 66116 repeated till 0719z then 111 111 111000"	CW	12-3-2012	Mon	0712	(WP3)
8816	M32b	52570: Russian Naval Air Transport tfc RJF94 "rjc38 qql ULPE 1702 qbd 3000"	CW	30-3-2012	Fri	1705	(WP3)
8816	M32b	Russian naval aviation 08258: "08258 qql ulpe 0755 qbg 6700 qre xllv 0915 k" - 0920z "qqm xllv 0917 - 1056z qto 1038 qrd xlwf xllv qre 1200 qbd 16500 - 1155z qqm xlwf 1155"	CW	13-3-2012	Tue	0800	(WP3)
8816	M32a	08260: Russian Naval Air Transport. rjf94 rcb de 08260 qqm xlwf 0802 k (RJF94: rpt all but no further tfc, not confirmed by RJF94 RCB) - 08260 qth 6310 3549 qtr 1033 qbg 6_00 qre xlmv 1200 k	CW	2-3-2012	Fri	0804	(WP3)
8816	M32b	52555: Russian Naval Air Transport tfc to rjf94 rcb 52555 qay eett 1358 qah 5500 qbd 3600 k - 52555 qay	CW	6-3-2012	Tue	1402	(WP3)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
		evrr 1455 qal xmwb 1530 qah 5500 qbd 2800 k					
8816	M32b	08258 Russian Naval Air Transport RUS tfc to RJF94? "qto 0721 qrd xrrc xlwf qre 1005 qbd 13500 k - qth 5445 3830 qtr 0832 qbg 7600 k - qql xrri 0931 qbd 8000 qre xrrc 1005 k - qqm xrrc 1005 k"	CW	29-3-2012	Thu	0725	(WP3)
8816	M32b	52555: Russian Naval Air Transport "52555 qay evrr 1001 qah 5800 qbd 4500 k"	CW	29-3-2012	Thu	1000	(WP3)
8816	M32b	52555: Russian Naval Aircraft tfc to RJF94 "rcb - qay evrr 0752 qah 5800 qbd 3600 rpt al k - qay eett 0901 qal xllv 0957 qah 5800 qbd 2700 k - qqm xllv 1000 - qto 1143 qrd xumo xllv qre 1325 qah 5800 qbd 4400 k - qql uuwr 1243 qal xumo 1335 qah 5800 qbd 3500 k - qqm xumo 1"	CW	21-3-2012	Wed	0755	(WP3)
8816	M32b	52575: Russian Naval Air Transport qtc to RJF94 "rjc38 52575 qth 6600 3733 qtr 0725 qbd 3500 qbg 5800 qre xlla 0805 k - qqm xlaa 0800 k"	CW	26-3-2012	Mon	0730	(WP3)
8816	M32b	52575: Russian Naval Air Transport qtc to RJF94 "qto 0900 qrd xlvm xlaa qre 1055 qbd 4000 k - qqm xlmv 1113"	CW	26-3-2012	Mon	0910	(WP3)
8816	M32b	52575: Russian Naval Air Transport qtc to RJF94 "rcb 52555 qto 0730 qrd xllv xmwb qre 1040 qah 5800 qbd 4400 k"	CW	26-3-2012	Mon	0742	(WP3)
8816	M32b	52575: Russian Naval Air Transport qtc to RJF94 "qay evrr 0819 qah 5800 qbd 3800 k - qay eett 0921 qal xllv 1025 qah 5800 qbd 2500 k - qth 6633 3551 qtr 1000 qbd 3000 qre xlmv 1105 k -qto 1135 qrd xumo xllv qre 1315 qah 5800 qbd 4000 - qql uuwr 1230 qal xumo 1315 qah 5800 qbd 3700 k - qqm xumo 1323	CW	26-3-2012	Mon	0742	(WP3)
8816	M32b	52555: Russian Naval Air Transport tfc to RJF94 "rcb qto 0703 qrd XMWB XLLV qre 0945 qah 5500 qbd 4400 k - qay EETT 0753 qah 5500 qbd 3600 k - qay EVRR 0850 qal XMWB 0935 qah 5500 qbd 2800 k"	CW	30-3-2012	Fri	0759	(WP3)
8816	M32b	52570: Russian Naval Air Transport qtc to RJF94 "rjc38- qql ulpe 1055 qbg 5800 k - qth 6112 3224 qtr 1200 qre xllv 1245 k - qqm xllv 1248"	CW	29-3-2012	Thu	1111	(WP3)
9040	V02a	A 10751 54461 15571	AM	29-2-2012		0900	(MS)
9042	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1906	(FMB)
9063	SK01		RDFT	17-3-2012	Sat	0900	(MS)
9063	SK01		RDFT	29-2-2012		0900	(MS)
9063	M08a	(Carrier present but no xmsn sent.)	CW	9-3-2012	Fri	0800	(MS)
9063	SK01		RDFT	3-3-2012	Sat	0900	(MS)
9068	E07	906 1	AM	7-3-2012	Wed	1820	(HFD)
9068	E07	906 906 906 1... 165 86 165 86 61085 54412 73020 34437	AM	7-3-2012	Wed	1820	(AIK)
9068	E07	906 1 251 94 61937 ... 21853 000 000	AM	14-3-2012	Wed	1820	(Spec)
9084	XPA2		MFSK	1-3-2012	Thu	0010	(linkz)
9142	---	Russian 3K net "3K VVV VVV VVV VVV OK 3K"	CW	4-3-2012	Sun	1954	(PPA)
9145	M32a	Russian Navy RIW: qso RFK99 (12464) // 9145/11000/14556 qsu1 qwh 8794 qsx 8270 ok ? k	CW	11-3-2012	Sun	0750	(WP3)
9145	S06s	831-967/5=81796	USB	5-3-2012	Mon	1200	(HFD)
9150	M03	650/00 = = 000	CW	15-3-2012	Thu	1115	(AB)
9150	M03	Msg in progress followed by op-chat	CW	22-3-2012	Thu	1118	(AB)
9150	M03	276/30=31588	CW	6-3-2012	Tue	1115	(HFD)
9150	M03	276/30 = 31588....	CW	6-3-2012	Tue	1115	(HS2)
9150	M03	650/00	CW	7-3-2012	Wed	1115	(HFD)
9150	M03	437/00	CW	15-3-2012	Thu	1320	(HFD)
9150	M03	650/00 = = 000	CW	7-3-2012	Wed	1115	(AB)
9150	M03	276/3t	CW	6-3-2012	Tue	1118	(FMB)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
9153	M08a	51262 80302 31511	CW	14-3-2012	Wed	0700	(MS)
9153	M08a	 11331 26602 (Came in late and missed first callup.)	CW	9-3-2012	Fri	0700	(MS)
9166.37	OLO32	Czech intel Prague encrypted tfc	SITOR-B 100/170	4-3-2012	Sun	1746	(PPA)
9175	M12	257(x3) 1	USB	22-3-2012	Thu	1901	(FMB)
9175	M12	257 257 257 1 6689 84 78525 08702 46536 ... 49057 000 000	AM	12-3-2012	Mon	1900	(CG)
9175	M12	ip	CW	19-3-2012	Mon	1700	(FMB)
9176	M12	257 1	CW	19-3-2012	Mon	1700	(HFD)
9176	M12	257 1	CW	12-3-2012	Mon	1900	(HFD)
9176	M12	257 1	CW	12-3-2012	Mon	1800	(HFD)
9176	M12	ip.	CW	22-3-2012	Thu	1706	(FMB)
9176	M12	257 1 9251 74 33552 72751 24641 ... 81825 000 000 (very weak)	CW	19-3-2012	Mon	1900	(CG)
9203	M42	unid Baudot 200 Bd/500 Hz	USB	21-3-2012	Wed	2013	(FMB)
9206	M51	ip	CW	19-3-2012	Mon	1547	(FMB)
9213	M51	100 x 5LG messages	CW	18-3-2012	Sun	1430	(FN)
9213	M51	ip	CW	19-3-2012	Mon	1540	(FMB)
9220	S06s	371-269/5=16755	USB	7-3-2012	Wed	1900	(HFD)
9240	V02a	A 60041 85402 (Came in late and missed first callup.)	AM	14-3-2012	Wed	1011	(MS)
9240	V02a	Atencion 55622 65721 20571 LG 53182	AM	7-3-2012	Wed	1000	(Dan)
9240	SK01		RDFT	7-3-2012	Wed	1000	(MS)
9241	M42	fsk 200 Bd/1000Hz	USB	23-3-2012	Fri	1745	(FMB)
9241	M42	unid fsk 200Bd/1000Hz	USB	19-3-2012	Mon	1745	(FMB)
9241	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1745	(FMB)
9255	S06s	471	USB	7-3-2012	Wed	0830	(HFD)
9255	S06s	471 (R4) 925 6 78364 56239 01998 23435 74490 12098 925 6 00000	USB	21-3-2012	Wed	0830	(AB)
9255	S06s	471 (R4) 923 5 46301 68335 12550 23951 74446 923 5 00000	USB	7-3-2012	Wed	0830	(AB)
9264	M12	124 1	CW	22-3-2012	Thu	1820	(HFD)
9264	M12	124 1	CW	29-3-2012	Thu	1820	(HFD)
9264	M12	124 1	CW	20-3-2012	Tue	1850	(HFD)
9264	M12	124 1	CW	29-3-2012	Thu	1720	(HFD)
9264	M12	ip.	CW	22-3-2012	Thu	1824	(FMB)
9264	M12	(ip.) ttt ttt	CW	6-3-2012	Tue	1854	(FMB)
9273	E07	288 1-844/27=85907	AM	5-3-2012	Mon	2000	(HFD)
9278	XPA	msg	MFSK	13-3-2012	Tue	0600	(HFD)
9326	M12	938 1 5491 54 43190 49876 28548 ... 74674 000 000 (weak)	CW	14-3-2012	Wed	1910	(CG)
9347	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1849	(FMB)
9347	M42	unid fsk 200Bd/1000Hz	USB	22-3-2012	Thu	1845	(FMB)
9362	XPA	304 304 304 1 304 304 304 1 304 304 304 1 00613 00215 27643 ...	MFSK	20-3-2012	Tue	1900	(AIK)
9362	XPA	304 304 304 000 304 304 304 000 304 304 304 000 6 05634 00001 00000 10140	MFSK	13-3-2012	Tue	1900	(AIK)
9362	XPA	msg	MFSK	6-3-2012	Tue	1900	(HFD)
9362	XPA2	ip.	USB	22-3-2012	Thu	1900	(FMB)
9371	E11	416/00	USB	8-3-2012	Thu	1730	(HFD)
9371	E11a	415/30 A 26173 10847 90804	USB	29-3-2012	Thu	1730	(HS2)
9371	E11	416/00	USB	15-3-2012	Thu	1730	(Spec)
9371	E11	416/00	USB	22-3-2012	Thu	1730	(Spec)
9373	M32a	Russian Navy Kaliningrad RMP: "RHN85 de RMP qsa3 k - qsu1 qsx 4068 qwh 4146 k"	CW	13-3-2012	Tue	1224	(WP3)
9399	E11	534/00	USB	7-3-2012	Wed	0900	(HFD)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
9399	E11	534/00	USB	7-3-2012	Wed	0900	(AB)
9399	E11	534/00	USB	21-3-2012	Wed	0900	(AB)
9399	E11	534/00	USB	21-3-2012	Wed	0900	(Spec)
9399	E11a	530/35 Attention 00786 ... 56687 Out	USB	12-3-2012	Mon	0900	(Spec)
9450	E25	tone... 785 1123 ...	USB	8-3-2012	Thu	1321	(FG)
9450	E25	Song. YL ...835...MSG...RBT...EOM	USB	26-3-2012	Mon	1213	(FG)
9450	E25a	YL. 785 24 788 4 6 8 9 13 14 15 19 21 22 25 785 24 788 4 6 8 9 13 14 15 19 21 22 25 785 24 788 4 6 8 9 13 14 15 19 21 22 25...	AM	9-3-2012	Fri	1311	(AIK)
9450	E25	YL. 785 20 788 4 6 8 9 11 13 14 15 etc	AM	2-3-2012	Fri	1312	(AIK)
9450	E25	music ... 835 ... MSG ... RBT... EOM EOT	AM	6-3-2012	Tue	1212	(FG)
9450	E25	Song "Enta Omri" YL. 8 35 835 835 835 835 835 835 835 835 835 etc (See N&O 174)	AM	27-3-2012	Tue	1211	(AIK)
9450	E25a	830 3. 1222 UTC: IO, YL, EOM EOT, WinXP shutdown sound MG SUN	AM	4-3-2012	Sun	1217	(MG)
9450	E25	YL. 788... EOM	AM	15-3-2012	Thu	1314	(FG)
9450	E25	Song. YL ... 2 ... carrier off	AM	20-3-2012	Tue	1344	(FG)
9450	E25	Song. YL ... MSG ... RBT ... EOM	AM	21-3-2012	Wed	1345	(FG)
9450	E25	song...YL 555 7... carrier off	AM	13-3-2012	Tue	1229	(FG)
9450	E25	YL. 785 25 26 27 788 4 13 14 15 (repeated) 78 78 78 78 78 Msg Rebeat EOM	AM	13-3-2012	Tue	1313	(FG)
9450	E25	Song. YL ... 8 ... carrier off	AM	20-3-2012	Tue	1214	(FG)
9480	S06s	YL/RRl "4...7...."	USB	14-3-2012	Wed	0843	(ML4)
9923	E07	906 906 906 1... 8 35 54412 3020 34437 0040 92132...	AM	7-3-2012	Wed	1800	(AIK)
9923	E07	901 1-165/86=#1085	AM	7-3-2012	Wed	1800	(HFD)
9923	E07	906 1 251 94 61937 ... 21853 000 000	AM	14-3-2012	Wed	1800	(Spec)
9948	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1547	(FMB)
9960	S11a	426/31 Vnimanie 21570 76843 ...	USB	30-3-2012	Fri	1020	(AB)
9960	S11a	426/31 V 21570 76843 00180	USB	27-3-2012	Tue	1020	(HS2)
9960	S11a	426/00	USB	2-3-2012	Fri	1020	(HS2)
9960	S11a	426/00	USB	2-3-2012	Fri	1020	(HFD)
9960	S11a	426/00	USB	9-3-2012	Fri	1020	(AB)
9960	S11a	426/00	USB	6-3-2012	Tue	1020	(HS2)
9960	S11a	426/00	USB	16-3-2012	Fri	1020	(Spec)
9960	S11a	426/00	USB	9-3-2012	Fri	1020	(Spec)
9960	S11a	426/00	USB	20-3-2012	Tue	1020	(Spec)
10192	M32	Russian Mil: xxx MDZhB 8352 kwiwet 1264 4484 k	CW	18-3-2012	Sun	1336	(WP3)
10192	M32	Russian Mil: xxx MDZhB 65977 ABChTRIH 3411 6295 k	CW	22-3-2012	Thu	0950	(WP3)
10192	M32	Russian Mil: X1ZR calling PNIQ, 3T2O, YJY3, HZ6A, QOA4, 5KNN, Q1XE, 5MMC, G4ZV for radio checks	CW	7-3-2012	Wed	1400	(WP3)
10192	M32	xxx xxx xxx oeun oeun 32077 21776 morovenica 8839 7063 k	CW	13-3-2012	Tue	0735	(WP3)
10192	M32	xxx MDZhB MDZhB 56028 wosfalka 5122 2008 k	CW	13-3-2012	Tue	0735	(WP3)
10192	M32	xxx MDZhB MDZhB 34839 rosterit 2861 2236 k	CW	13-3-2012	Tue	0735	(WP3)
10192	M32	xxx MDZhB 13985 novowo÷nyj 2493 2093	CW	13-3-2012	Tue	0830	(WP3)
10192	M32	xxx MDZhB MDZhB 70290 mxdernist 3751 9798 k	CW	13-3-2012	Tue	0834	(WP3)
10192	M32	xxx oeun oeun 33773 37979 bodenx 3751 9898 k	CW	13-3-2012	Tue	0834	(WP3)
10192	M32	Russian Mil: xxx MDZhB 04585 AWANSOWYj 3029 2009 k	CW	22-3-2012	Thu	0928	(WP3)
10192	M32	Callup: mpm7 de nivw (seems net control), then calling t9gq, xh7m, slna, fiko, hn8o, qowj, 5fbj, d4ir	CW	13-3-2012	Tue	1110	(WP3)
10192	M32	PINQ de X1ZR zmm zhw zvd qyt4 k 0800z clg HZ6A, QOA4, 5KND, Q1XE, 5MMC, G4ZV, PNIQ. Radio checks	CW	5-3-2012	Mon	0715	(WP3)
10221	E11	633/00	USB	30-3-2012	Fri	0710	(AB)
10221	E11	ip	USB	20-3-2012	Tue	0710	(HFD)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
10221	E11a	631/36	USB	23-3-2012	Fri	0710	(AB)
10221	E11a	631/36 Attention 64908 ... 01699 Out	USB	20-3-2012	Tue	0710	(Spec)
10221	E11	633/00	USB	6-3-2012	Tue	0710	(Spec)
10221	E11	633/00	USB	9-3-2012	Fri	0710	(Spec)
10221	E11	633/00	USB	13-3-2012	Tue	0710	(Spec)
10221	E11a	631/36 Attention 64908 ... 01699 Out	USB	23-3-2012	Fri	0710	(Spec)
10285	S06s	153 00000	USB	21-3-2012	Wed	0800	(AB)
10285	S06s	153 153 153 00000	USB	7-3-2012	Wed	0750	(NC)
10332	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1820	(FMB)
10343	M12	124 1	CW	29-3-2012	Thu	1800	(HFD)
10343	M12	124 1	CW	22-3-2012	Thu	1800	(HFD)
10343	M12	124 1	CW	29-3-2012	Thu	1700	(HFD)
10343	M12	124 1	CW	20-3-2012	Tue	1830	(HFD)
10343	M12	ip.	CW	22-3-2012	Thu	1704	(FMB)
10375	M97	SD 69 SN 70	CW	28-3-2012	Wed	1452	(JPL-HK)
10375	M97	SD 68 sent	CW	6-3-2012	Tue	1459	(JPL-SVK)
10375	M97	SD 69 SN 70	CW	31-3-2012	Sat	1452	(JPL-SVK)
10375	M97	SD 69 SN 70	CW	27-3-2012	Tue	1452	(JPL-AUS)
10375	M97	SD 68 sent 3 times	CW	9-3-2012	Fri	1453	(JPL-HK)
10375	M97	TX problems - appears that dits and dahs are reversed! unable to copy	CW	19-3-2012	Mon	1453	(JPL-HK)
10375	M97	SD 69	CW	25-3-2012	Sun	1453	(JPL-HK)
10420	S06s	352	USB	6-3-2012	Tue	0810	(HFD)
10431	M42	unid fsk 200Bd/1000 Hz	USB	18-3-2012	Sun	0930	(FMB)
10432	M08a	81101 65742 16051 (MS) 2012-03-02 CW 1000 9112 M08a (Carrier present but no xmsn.)	CW	2-3-2012	Fri	0900	(MS)
10445	M08a	03011 02871 44841	CW	29-3-2012	Thu	0300	(MS)
10445	M08a	17831 64301 80602	CW	15-3-2012	Thu	0300	(MS)
10445	M08a	26822 52412 25202	CW	1-3-2012	Thu	0300	(MS)
10506	M42	unid fsk 200Bd/1000Hz	USB	22-3-2012	Thu	1610	(FMB)
10506	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1610	(FMB)
10543	M32a	Russian Navy: xxx RCV 79499 gemisfera 0306 2592 k	CW	18-3-2012	Sun	1340	(WP3)
10543	M32a	RCV: Russian Navy Black Sea Fleet HQ Sevastopol msg #396 to collective RIP90 "NAWIP 033552 ... ZAPADNEE IZRAILYa ... NAWIP 032549 ... BOSFOR ... ar";	CW	10-3-2012	Sat	1530	(ALF)
10543	M32a	RCV wkg RMGB fr 5FG-QTC #469.	CW	10-3-2012	Sat	1535	(ALF)
10597	M12	in progress ... 74674 000 000	CW	14-3-2012	Wed	1853	(CG)
10640	M89	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) //6840	CW	28-3-2012	Wed	0220	(JPL)
10651	M32c	Russian Air Force. Sends brief message and uses callsign REA4	CW	21-2-2012		0922	
10690	E11a	644/38 A 87955 27625 81606. Weak. Not sure if numbers are correct...	USB	8-3-2012	Thu	0830	(HS2)
10690	E11	649/00	USB	22-3-2012	Thu	0830	(AB)
10690	E11	644/36=87955	USB	8-3-2012	Thu	0830	(HFD)
10690	E11	649/00	USB	29-3-2012	Thu	0830	(PPA)
10690	E11	649/00	USB	12-3-2012	Mon	0830	(Spec)
10690	E11	649/00	USB	22-3-2012	Thu	0830	(Spec)
10690	E11	649/00	USB	19-3-2012	Mon	0830	(Spec)
10690	E11	649/00	USB	8-3-2012	Thu	0830	(Spec)
10690	E11	649/00 (Windows XP Sound During Transmission)	USB	15-3-2012	Thu	0830	(Spec)
10700	EV01	Single message, sent once. "Message for Golf Romeo 29, November 125", into 5 figure number groups, same old message.	AM	25-3-2012	Sun	1500	(Token)
10700	EV01	YL/EE. "Message for GR40 N217? 12567..10729 eom eom" then "message for GR32 N174 PSCAB..CFSJZ eom eom" then using original om/ee voice "GR35	AM	4-3-2012	Sun	1436	(linkz)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
		NO125 msg KLPAS..LOPSS"					
10700	EV01	Still going on at 1605 UTC. Several different messages have been sent, with multiple repeats of each. YL voice.	USB	10-3-2012	Sat	1450	(Token)
10700	EV01	YL voice. Both letters messages and numbers messages. Test tone, adjustments were made, and audio got much better.	AM	11-3-2012	Sun	1520	(Token)
10700	EV01	Single message. Same as 1430 and 1500 UTC	AM	25-3-2012	Sun	1530	(Token)
10700	EV01	In progress. Male voice, later female voice reading messages	AM	14-3-2012	Wed	1526	(AB-GRC)
10700	EV01	Multiple messages. Started prior. YL voice, sending msgs of both letters and numbers	AM	24-3-2012	Sat	1515	(Token)
10700	EV01	YL, 5 figure groups of numbers, unknown number of groups, finished at 1432:04 with "end of message, end of message".	AM	25-3-2012	Sun	1430	(Token)
10700	E?	"message for...(33 gr. 5 Figure single groups) end of message(?)(x2)"(rpt)	USB	17-3-2012	Sat	1443	(FMB)
10700	EV01	ip	USB	18-3-2012	Sun	0549	(FMB)
10711	M12	546 1	CW	19-3-2012	Mon	1640	(HFD)
10711	M12	546 1 9741 86 91158 21492 73365 ... 59786 000 000	CW	19-3-2012	Mon	1640	(CG)
10711	M12	ip.	CW	19-3-2012	Mon	1644	(FMB)
10779	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	22-3-2012	Thu	0008	(JPL)
10779	M89	GNXG in tfc - mostly unreadable	CW	20-3-2012	Tue	0313	(JPL)
10779	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	31-3-2012	Sat	0144	(JPL)
10779	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //8789	CW	8-3-2012	Thu	2339	(JPL)
10779	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //8789	CW	27-3-2012	Tue	0225	(JPL)
10779	M89	V WITN (x3) DE GNXG (x2) (Cont'd) //8789	CW	9-3-2012	Fri	0026	(JPL)
10779	M89	V WITN (x3) DE GNXG (x2) (Cont'd)	CW	28-3-2012	Wed	0201	(JPL)
10800	E11	517/00	USB	23-3-2012	Fri	0645	(HFD)
10800	E11	517/00	USB	22-3-2012	Thu	0645	(AB)
10800	E11	517/00	USB	6-3-2012	Tue	0645	(Spec)
10800	E11	517/00	USB	20-3-2012	Tue	0645	(Spec)
10800	E11	517/00	USB	21-3-2012	Wed	0645	(Spec)
10800	E11	517/00	USB	13-3-2012	Tue	0645	(Spec)
10800	E11	517/00	USB	8-3-2012	Thu	0645	(Spec)
10861	M42	unid baudot 200/500Hz	USB	6-3-2012	Tue	1025	(FMB)
10871.7	MX	D: MX Beacon Odessa/Sevastopol	CW	31-3-2012	Sat	1617	(MPJ)
10871.8	MX	P: MX Beacon Kaliningrad	CW	31-3-2012	Sat	1618	(MPJ)
10871.9	MX	S: MX Beacon Severomorsk	CW	31-3-2012	Sat	1619	(MPJ)
10872.1	MX	A: MX Beacon Baku/Astrakhan	CW	31-3-2012	Sat	1620	(MPJ)
10935	M14	(i.p.) 78163 78163==(??? ???) 120 120 ttttt	CW	19-3-2012	Mon	1653	(FMB)
10954	M32a	RCV: HQ Black Sea Fleet, Sevastopol "RGK39 de RCV QSA? K. AS1. QSV K. BK. QYT4 QSX 8338 QWH 7748 K"	CW	24-3-2012	Sat	1702	(MPJ)
11078	XPA	msg	MFSK	13-3-2012	Tue	0620	(HFD)
11143	M42	Russian Intel.	FSK 200/1000	10-3-2012	Sat	1122	(PPA)
11143	M42	unid fsk 200Bd/1000 Hz	USB	18-3-2012	Sun	1120	(FMB)
11161	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1835	(FMB)
11163	M42	unid fsk 200Bd/1000Hz	USB	22-3-2012	Thu	1835	(FMB)
11163	M42	unid fsk 200Bd/1000 Hz	USB	18-3-2012	Sun	0920	(FMB)
11198.4	---	North Korean diplo	DPRK-ARQ 600/600	10-3-2012	Sat	1235	(PPA)
11354	M32a	Russian Naval Air.	CW	1-3-2012	Thu	1605	(GVN)
11354	M32b	Russian Naval Aviation 52602 wkg Priboj	USB	12-3-2012	Mon	1403	(ML4)
11405	S06s	153 00000	USB	21-3-2012	Wed	0810	(AB)
11408	M32c	in progress. Last group: PTPIE (05083) followed by	CW	5-3-2012	Mon	1329	(JO)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
		REVS. //12736 kHz					
11408	M32c	Msg to collective REA4: XXX XXX REA4 REA4 69362 Plewritnyj 4591 7592 //12736 kHz	CW	5-3-2012	Mon	1109	(JO)
11418	M32a	RMP: Russian Navy Kaliningrad qso "RAL48 qsu1 qwh 16599-16599 k"	CW	29-3-2012	Thu	0814	(WP3)
11428	M42	unid fsk 200/1000Hz	USB	6-3-2012	Tue	1210	(FMB)
11435	SK01		RDFT	14-3-2012	Wed	0600	(MS)
11435	SK01		RDFT	30-3-2012	Fri	0600	(MS)
11460	S06s	831	USB	5-3-2012	Mon	1210	(HFD)
11484	M42	unid fsk 200 Bd/1000 Hz	USB	21-3-2012	Wed	1535	(FMB)
11509	M42	unid fsk 200 Bd/1000 Hz	USB	21-3-2012	Wed	1930	(FMB)
11509	M42	unid fsk 200Bd/1000Hz	USB	22-3-2012	Thu	1930	(FMB)
11532	SK01		RDFT	30-3-2012	Fri	0630	(MS)
11532	SK01		RDFT	14-3-2012	Wed	0630	(MS)
11536	M42	fsk 200 Bd/1000 Hz	USB	23-3-2012	Fri	1735	(FMB)
11536	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1735	(FMB)
11536	M42	unid fsk 200Bd/1000Hz	USB	19-3-2012	Mon	1735	(FMB)
11561	M12	546 1	CW	19-3-2012	Mon	1620	(HFD)
11565	M08a	03011 02871 44841	CW	29-3-2012	Thu	0400	(MS)
11566	M12	546 1 9741 86 91158 21492 73365 ... 59786 000 000	CW	19-3-2012	Mon	1620	(CG)
11566	M12	(ip.) ttt ttt	CW	19-3-2012	Mon	1626	(FMB)
11566	M12	546 1 000 000	CW	12-3-2012	Mon	1620	(CG)
11635	S06s	352-908/6=11603	USB	6-3-2012	Tue	0800	(HFD)
11830	S06s	745 (R4) 201 6 13965 44610 11532 64046 25994 41645 201 6 00000	USB	7-3-2012	Wed	0840	(AB)
11830	S06s	745 (R4) 281 6 98654 67870 24351 67856 89076 09080 281 6 00000	USB	21-3-2012	Wed	0840	(AB)
12075	---	Vietnamese siren jammer		29-3-2012	Thu	1419	(Spec)
12137	V07	YL SS 5f, Callup 661, ID 134, 69 grps	USB	22-1-2012		0140	(Token)
12137	V07	YL SS 5f, Callup 661, ID 352, 82 grps	USB	15-1-2012		0140	(Token)
12140	S06s	516 516 516 00000	USB	30-3-2012	Fri	0930	(AB)
12140	S06s	516 (R4) 402 7 68102 01595 29274 27265 91657 78923 58205 502 7 00000	USB	23-3-2012	Fri	0930	(AB)
12140	S06s	516-908/7=45321	USB	2-3-2012	Fri	0930	(HFD)
12140	S06s	516 (R4) 908 7 45321 786896 78457 24316 79848 34125 89563 980 7 00000 (at 0916 carrier, 0918 "AR" in CW)	USB	9-3-2012	Fri	0930	(AB)
12160	M12	546 1 000 000	CW	12-3-2012	Mon	1600	(CG)
12162	M12	546 1	CW	19-3-2012	Mon	1600	(HFD)
12162	M12	546 1 9741 86 91158 21492 73365 ... 59786 000 000	CW	19-3-2012	Mon	1600	(CG)
12176	S06	Caught In Progress Ends 33463 420 139 00000	USB	20-3-2012	Tue	1439	(Spec)
12180	M08a	(Stn very weak and QRM blocking badly.)	CW	8-3-2012	Thu	1900	(MS)
12180	V02a	Signal too weak for copy	AM	20-3-2012	Tue	1900	(MS)
12186	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1600	(FMB)
12186	M42	unid fsk 200 Bd/1000 Hz	USB	22-3-2012	Thu	1600	(FMB)
12215	X06	Mazielka. Sequence: 361245	AM	2-3-2012	Fri	1007	(HS2)
12225	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1810	(FMB)
12464	M32a	Russian naval vessel RCRE: qso RIW qsa3 k - ok qap k - qsu1 qsx 8794 qwh 8270 k - ok qsu1 sk - ok qyt4 qsx 9500/11896 qwh 8330/12374 k	CW	11-3-2012	Sun	0735	(WP3)
12464	M32a	Russian naval vessel RMGB "RMGB 79499 gemisfera 0306 2592 k" (cfm msg from RCV)	CW	18-3-2012	Sun	1341	(WP3)
12464	M32a	Russian naval vessel RMGB: tfc to rcv rmgb 788 19 11 1600 788 = sml for rjh45 rje73 = 11121 99348 10358 41598 à.. 11015 = + rmgb k	CW	11-3-2012	Sun	1205	(WP3)
12464	M32a	RAL48: Russian navy qso RMP "qsx 16599 (nix here) -	CW	29-3-2012	Thu	0808	(WP3)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
		ok qsu1 qsx 12269 12269 k"					
12464	M32a	RFK99: Russian navy ship "RIW DE RFK99 QSA?"	CW	11-3-2012	Sun	0725	(PPA)
12464	M32a	Russian naval vessel RMGB qso to RCV "802 19 18 1600 802 = sml for rjh45 rje73 = 18121 99349 10358 41998 à. 18015 = + rmgb k"	CW	18-3-2012	Sun	1205	(WP3)
12464	M32a	"RIW de RCRE" ship calling Navy HQ	CW	1-3-2012	Thu	1030	(AB)
12464	M32a	RBEG: Russian Naval vessel cfm msg from RCV: "rbeg 25941 egipanin 3539 3462 1010z: rbeg 02044 blasto-celx 8322 8812 k"	CW	22-3-2012	Thu	1004	(WP3)
12464	M32a	Russian naval ship RMGB tfc to RCV	CW	7-3-2012	Wed	1245	(WP3)
12464	M32a	RMGB: Russian navy tanker IMAN qtc to RVC "RMGB 496 19 30 1600 496 = sml for rjh45 rje73 = 30121 99359 10358 41698 30015 = + rmgb k"	CW	31-3-2012	Sat	1210	(WP3)
12464	M32a	RMCW: Russian navy vessel qso "RIW/9145 qsu1 sk"	CW	28-3-2012	Wed	0630	(WP3)
12464	M32a	Russian naval vessel RBIZ wkg RCV on 10543 kHz "qsu1 qsx 8195 qwh 6230"	CW	16-3-2012	Fri	0816	(WP3)
12464	M32a	Russian naval vessel RDND tfc to RIW: "qsu1 qwh 12260 qsx 13086 k"	CW	12-3-2012	Mon	0744	(WP3)
12464	M32a	Russian Navy RFK99: qso with RIW (on 9145/11000/14556) RIW de RFK99 qsu1 qsx 8228/8228 ok ? k - qsu1 8794 qsx 8270 k - qsu1 sk k	CW	11-3-2012	Sun	0735	(WP3)
12464	M32a	RHN85: Russian Navy qso RMP qsu1 sk - 0908z qru ? k	CW	30-3-2012	Fri	0900	(WP3)
12464	M32a	RMGB: Russian Navy tanker IMAN cfm msg from RCV: "rmgb 25941 egipanin 3539 3462 1010z: rmgb 02044 blastocelx 8322 8812 k"	CW	22-3-2012	Thu	1002	(WP3)
12464	M32a	RMGB: Russian navy tanker IMAN qtc to RCV "RMGB 847 19 31 1600 847 = sml for rjh45 rje73 = 31121 99349 10358 41698 31015 = + rmgb k"	CW	31-3-2012	Sat	1210	(WP3)
12606	M32	Russian Mil: "MASW de QYMD r 179 ? k"	CW	28-3-2012	Wed	1121	(WP3)
12736	M32c	in progress. Last group: PTPIE (05083) followed by REVS. //11408 kHz	CW	5-3-2012	Mon	1329	(JO)
12736	M32c	Msg to collective REA4: XXX XXX REA4 REA4 69362 Plewritnyj 4591 7592 //11408 kHz	CW	5-3-2012	Mon	1109	(JO)
12930	E17z	674 830 5 20163 29067 57604 45562 63207 830 5 00000	AM	22-3-2012	Thu	0810	(AB)
12930	E17z	674	AM	1-3-2012	Thu	0810	(HFD)
12930	E17z	674 830 5 20163 29067 57604 45563 63207 830 5 00000	USB	15-3-2012	Thu	0810	(Spec)
12930	E17z	674 830 5 20163 29067 57604 45563 63207 830 5 00000	USB	22-3-2012	Thu	0810	(Spec)
12930	E17z	674 902 5 89236 67583 09523 78923 99237 902 5 00000	USB	8-3-2012	Thu	0810	(Spec)
12930	E17z	674 902 5 89236 67583 09523 78923 99237 902 5 00000	USB	1-3-2012	Thu	0810	(Spec)
12952	S06s	167-804/5=72635	USB	8-3-2012	Thu	0900	(HFD)
12952	S06s	167 804 5 72635 47839 09822 67543 12365	USB	8-3-2012	Thu	0900	(HS2)
12952	S06s	167 167 167 00000	USB	29-3-2012	Thu	0900	(AB)
12952	S06s	167 (R4) 804 5 72635 47839 09822 67543 12365 804 5 00000	USB	8-3-2012	Thu	0900	(AB)
13365	S06s	729-408/5=83745	USB	7-3-2012	Wed	1000	(HFD)
13365	S06s	729 (R4) 408 5 83745 61818 04844 04608 18665 408 5 00000	USB	7-3-2012	Wed	1000	(AB)
13365	S06s	729 (R4) 834 5 14536 68654 66329 86767 23895 834 5 00000	USB	21-3-2012	Wed	1000	(AB)
13375	E11a	988/10 A 52268 22861 24268	USB	27-3-2012	Tue	1400	(HS2)
13375	E11	982/10	USB	17-3-2012	Sat	1400	(HFD)
13375	E11a	985/10 A 77323 48984 34985	USB	6-3-2012	Tue	1400	(HS2)
13375	E11a	985/10=77323	USB	6-3-2012	Tue	1400	(HFD)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
13375	E11a	985/10 Attention 77323 ... 34985 Out	USB	6-3-2012	Tue	1400	(Spec)
13375	E11a	982/10 Attention 60313 ... 20870 Out	USB	17-3-2012	Sat	1400	(Spec)
13375	E11a	982/10 Attention 44543 ... 47420 Out	USB	10-3-2012	Sat	1400	(Spec)
13375	E11a	987/10 Attention 30535 ... 94488 Out	USB	13-3-2012	Tue	1400	(Spec)
13375	E11a	987/10 Attention 57642 ... 21621 Out	USB	20-3-2012	Tue	1400	(Spec)
13380	V02a	A 83732 87632 12172	AM	29-3-2012	Thu	2000	(MS)
13380	V02a	A 04601 42851 83061	AM	20-3-2012	Tue	2000	(MS)
13380	M08a	06661 70111 23221	CW	8-3-2012	Thu	2000	(MS)
13400	EV01?	Unreadable female voice. English	AM	9-3-2012	Fri	0324	(Daunt)
13402	X06	154623	USB	6-3-2012	Tue	0951	(FMB)
13420	X06	Mazielka. Sequence: 534216	AM	27-3-2012	Tue	0800	(AB)
13481	M42	unid fsk 200Bd/1000 Hz	USB	18-3-2012	Sun	1110	(FMB)
13515	S06s	516 (R4) 908 7 45321 786896 78457 24316 79848 34125 89563 980 7 00000	USB	9-3-2012	Fri	0940	(AB)
13515	S06s	516	USB	2-3-2012	Fri	0940	(HFD)
13515	S06s	516 (R4) 402 7 68102 01595 29274 27265 91657 78923 58205 502 7 00000	USB	23-3-2012	Fri	0940	(AB)
13515	S06s	516 516 516 00000	USB	30-3-2012	Fri	0940	(AB)
13515	S06s	516 (R4) 402 7 68102 01595 29274 27265 91657 78923 58205 402 7 00000	USB	16-3-2012	Fri	0940	(AB)
13526	M42	unid fsk 200/1000Hz	USB	6-3-2012	Tue	1200	(FMB)
13527.8	MX	Beacon "P"	CW	16-2-2012		1417	(ML4)
13528	MX	Beacon "C"	CW	16-2-2012		1418	(ML4)
13562	M42	unid fsk 200Bd/1000 Hz	USB	18-3-2012	Sun	0910	(FMB)
13565	S06s	167 (R4) 249 5 99228 66544 04816 56556 51269 249 5 00000	USB	15-3-2012	Thu	0910	(AB)
13565	S06s	167 (R4) 804 5 72635 47839 09822 67543 12365 804 5 00000	USB	8-3-2012	Thu	0910	(AB)
13565	S06s	167 167 167 00000	USB	29-3-2012	Thu	0910	(AB)
13565	S06s	167	USB	8-3-2012	Thu	0910	(HFD)
13968	V07	YL SS 5f, Callup 329, ID 224, 91 grps	USB	5-2-2012		0140	(Token)
13968	V07	YL SS 5f, Callup 329, ID 327, 77 grps	USB	19-2-2012		0140	(Token)
14260	E17z	674-902/5=89236	AM	1-3-2012	Thu	0800	(HFD)
14260	E17z	674 830 5 20163 29067 57604 45562 63207 830 5 00000 (Note: 0756 UTC: Zero Lima (5x), 0757 UTC: Zero Lima (3x))	AM	22-3-2012	Thu	0800	(AB)
14260	E17z	674 902 5 89236 67583 09523 78923 99237 902 5 00000	USB	8-3-2012	Thu	0800	(Spec)
14260	E17z	674 830 5 20163 29067 57604 45563 63207 830 5 00000	USB	15-3-2012	Thu	0800	(Spec)
14260	E17z	674 902 5 89236 67583 09523 78923 99237 902 5 00000	USB	1-3-2012	Thu	0800	(Spec)
14260	E17z	674 830 5 20163 29067 57604 45563 63207 830 5 00000	USB	22-3-2012	Thu	0800	(Spec)
14360	M42	unid fsk 200Bd/1000Hz	USB	21-3-2012	Wed	1800	(FMB)
14452	S06c	I.P. 11179	USB	21-3-2012	Wed	1102	(Spec)
14505	S06s	729	USB	7-3-2012	Wed	1010	(HFD)
14505	S06s	729 (R4) 834 5 14536 68654 66329 86767 23895 834 5 00000	USB	21-3-2012	Wed	1010	(AB)
14505	S06s	729 (R4) 408 5 83745 61818 04844 04608 18665 408 5 00000	USB	7-3-2012	Wed	1010	(AB)
14529	M42	Russian Intel. Msg 863 44432 04041 00118 1 ... (see N&O 174)	FSK 200/450	22-3-2012	Thu	0907	(WP3)
14556	M32a	Russian Navy HQ Moscow RIW to station RDND: QYT4 sk fm RAA (RAA and RIW used by same operator at Moscow HQ, purpose unknown)	CW	7-3-2012	Wed	0800	(FN)
14556	M32a	RIW: Navy HQ Moscow "RFK99 DE RIW QSA1"	CW	11-3-2012	Sun	0720	(PPA)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
14575	E11	337/36=04656	USB	27-3-2012	Tue	0745	(HFD)
14575	E11	335/00	USB	6-3-2012	Tue	0745	(Spec)
14575	E11	335/00	USB	8-3-2012	Thu	0745	(Spec)
14575	E11	335/00	USB	22-3-2012	Thu	0745	(Spec)
14637	V07	YL SS 5f, Callup 661, ID 352, 82 grps	USB	15-1-2012		0120	(Token)
14637	V07	Callup 661, null msg	USB	8-1-2012		0120	(Token)
14637	V07	YL SS 5f, Callup 661, ID 134, 69 grps	USB	22-1-2012		0120	(Token)
14637	V07	Callup 661, null msg	USB	1-1-2012		0120	(Token)
14700	X06	Mazielka. Sequence: 144423	USB	21-3-2012	Wed	1138	(Spec)
14700	X06b	144423	USB	21-3-2012	Wed	1138	(Spec)
14769	M12	721 1 181 95 31914 30400 70253 ... 89503 000 000	CW	18-3-2012	Sun	1010	(CG)
14863	X06	Mazielka. Sequence: 615243	AM	30-3-2012	Fri	0801	(HS2)
14947	E06	Caught In Progress Ends 807 131 00000	USB	20-3-2012	Tue	1236	(Spec)
15643	S06	Caught In Progress Ends 33463 420 139 00000	USB	20-3-2012	Tue	1330	(Spec)
15653	M42	unid Baudot 200 Bd/500 Hz	USB	18-3-2012	Sun	1200	(FMB)
15653	M42	unid Baudot 200 Bd/500 Hz	USB	17-3-2012	Sat	1200	(FMB)
15874	V07	Callup 883, null msg	USB	4-3-2012	Sun	0120	(Token)
15876	S06c	I.P. 11201	USB	21-3-2012	Wed	1050	(Spec)
15879	E07	198 198 198 1 msg 000 000	USB	24-3-2012	Sat	1220	(linkz)
15915	E11	228/00	USB	5-3-2012	Mon	1540	(HFD)
15915	E11	718/00	USB	8-3-2012	Thu	1155	(HFD)
15915	E11a	227/35 A 62842 84486 37495	USB	25-3-2012	Sun	1540	(HS2)
15915	E11	718/00	USB	22-3-2012	Thu	1155	(AB)
15916	E11	228/00	USB	11-3-2012	Sun	1540	(Spec)
15916	E11	228/00	USB	12-3-2012	Mon	1540	(Spec)
15916	E11	718/00	USB	8-3-2012	Thu	1155	(Spec)
15916	E11	228/00	USB	5-3-2012	Mon	1540	(Spec)
15916	E11	718/00	USB	21-3-2012	Wed	1155	(Spec)
16037	V07	Callup 661, null msg	USB	1-1-2012		0100	(Token)
16037	V07	YL SS 5f, Callup 661, ID 352, 82 grps	USB	15-1-2012		0100	(Token)
16037	V07	YL SS 5f, Callup 661, ID 134, 69 grps	USB	22-1-2012		0100	(Token)
16037	V07	Callup 661, null msg	USB	8-1-2012		0100	(Token)
16060	X06	Mazielka. Sequence: 261453	USB	25-3-2012	Sun	1130	(EW)
16112	S11a	472/37 V 61868 49074....	USB	29-3-2012	Thu	1015	(HS2)
16112	S11a	475/????	USB	29-3-2012	Thu	1015	(AB)
16112	S11a	472/37=61868	USB	30-3-2012	Fri	1015	(HFD)
16112	M32	RDL (R3) 84107 70025 (R3) K	CW	24-3-2012	Sat	1323	(Spec)
16112	M32	RDL (R3) 71311 50658 (R3) K	CW	24-3-2012	Sat	1320	(Spec)
16112	M32	RDL (R3) 00745 76668 (R3) K	CW	15-3-2012	Thu	1020	(Spec)
16112	S11a	475/00	USB	8-3-2012	Thu	1015	(AB)
16112	S11a	475/00	USB	12-3-2012	Mon	1015	(Spec)
16112	S11a	475/00	USB	22-3-2012	Thu	1015	(Spec)
16112	S11a	475/00	USB	8-3-2012	Thu	1015	(Spec)
16212	XPA2	04126 00001 00000 10140	MFSK	2-3-2012	Fri	1440	(HS2)
16243	M42	Russian Intel.	FSK 200bd/1000	25-3-2012	Sun	1630	(MCO)
16250	S06c	I.P. 11179	USB	21-3-2012	Wed	1050	(Spec)
16268	V07	Callup 329, null msg	USB	12-2-2012		0120	(Token)
16268	V07	YL SS 5f, Callup 329, ID 224, 91 grps	USB	5-2-2012		0120	(Token)
16268	V07	YL SS 5f, Callup 329, ID 327, 77 grps	USB	19-2-2012		0120	(Token)
16268	V07	Callup 329, null msg	USB	26-2-2012		0120	(Token)
16269	M12	721 1 181 95 31914	CW	15-3-2012	Thu	1030	(FN)
16269	M12	721 1 181 95 31914 30400 70253 ... 89503 000 000	CW	18-3-2012	Sun	1030	(CG)
16269	M12	721 000	CW	4-3-2012	Sun	1030	(Danix)
16303	E06	Caught In Progress Ends 408 115 00000	USB	21-3-2012	Wed	1303	(Spec)

Freq.	Code	Remarks	Mode	date	day	UTC	contributor
18031.5	---	MFA Pyongyang North Korea.	DPRK-ARQ 600/600	22-3-2012	Thu	0835	(WP3)
18074	V07	Callup 883, null msg	USB	4-3-2012	Sun	0100	(Token)
18169	M12	721 1 181 95 31914	CW	15-3-2012	Thu	1050	(FN)
18169	M12	721 1 181 95 31914 30400 70253 ... 89503 000 000	CW	18-3-2012	Sun	1050	(CG)
18368	V07	Callup 329, null msg	USB	26-2-2012		0100	(Token)
18368	V07	YL SS 5f, Callup 329, ID 327, 77 grps	USB	19-2-2012		0100	(Token)
18368	V07	YL SS 5f, Callup 329, ID 224, 91 grps	USB	5-2-2012		0100	(Token)
18368	V07	Callup 329, null msg	USB	12-2-2012		0100	(Token)
18571	E07	198 198 198 1 msg 000 000	USB	24-3-2012	Sat	1210	(linkz)
18659	E07	198 198 198 1 msg 000 000	USB	24-3-2012	Sat	0920	(linkz)
19178.7	---	Egyptian Embassy Dakar tfc to MFA Cairo	SITOR-A 100bd/170/I	5-3-2012	Mon	1628	(MCO)
19415	S06	842 605 39 90343 05532 69543 605 39 00000	AM	29-3-2012	Thu	0830	(EW)
19974	M12	196 196 1 7656 45 7656 45 into 5FGs. Ends 000 000	CW	26-3-2012	Mon	0910	(EW)
20821.5	DPRK	Tfc	DPRK-ARQ 600/600	29-2-2012		0910	(BCI)
21338.5	DPRK	North Korean embassy Sofia, Bulgaria	DPRK-ARQ 600/600	4-2-2012		1411	(IARUMS)
24146	E07	198 198 198 1 msg 000 000	USB	24-3-2012	Sat	1200	(linkz)

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